# htc SNAP

User Manual

htc
smart mobility

www.htc.com

# Please Read Before Proceeding

**THE BATTERY IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.**

**DO NOT REMOVE THE BATTERY PACK WHEN THE PHONE IS CHARGING.**

**YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE PHONE.**

## PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your phone.

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# Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages. Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

## ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

## SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

**CAUTION:** Connecting to improperly grounded equipment can result in an electric shock to your device.

This product is equipped with a USB Cable for connecting with desk-top or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

## SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**

  A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

- **Handle battery packs carefully**

  This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than **140°F (60°C)**.

**WARNING:** Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
  - Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
  - The phone should be only connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
  - Do not use a battery that appears damaged, deformed, or discolored, or one that has any rust on its casing, overheats, or emits a foul odor.
  - Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
  - Only use the battery with a charging system that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.
  - Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
  - Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
  - If the battery leaks:
    - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
    - Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
    - Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

## SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed **140°F (60°C)**, such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

## PREVENTION OF HEARING LOSS

**CAUTION:** Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

## ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

## SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your device near metal structures (for example, the steel frame of a building).
- Avoid using your device near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

## INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

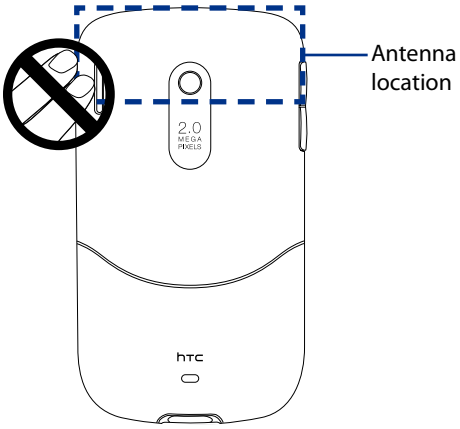
Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## NONIONIZING RADIATION

This product should be operated in the suggested normal condition only to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.



# General Precautions

- **Avoid applying excessive pressure to the device**

  Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pant's pocket before sitting down. It is also recommended that you store the device in a protective case. Cracked display screens due to improper handling are not covered by the warranty.
- **Device getting warm after prolonged use**

  When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.
- **Heed service markings**

  Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside these compartments should be done by an authorized service technician or provider.
- **Damage requiring service**

  Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:
  - Liquid has been spilled or an object has fallen into the product.
  - The product has been exposed to rain or water.
  - The product has been dropped or damaged.
  - There are noticeable signs of overheating.
  - The product does not operate normally when you follow the operating instructions.
- **Avoid hot areas**

  The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including, but not limited to, amplifiers) that produce heat.
- **Avoid wet areas**

  Never use the product in a wet location.
- **Avoid using your device after a dramatic change in temperature**

  When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

  **NOTE:** When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on the power.
- **Avoid pushing objects into product**

  Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.
- **Mounting Accessories**

  Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- **Avoid unstable mounting**

  Do not place the product on an unstable base.
- **Use product with approved equipment**

  This product should be used only with personal computers and options identified as suitable for use with your equipment.
- **Adjust the volume**

  Turn down the volume before using headphones or other audio devices.
- **Cleaning**

  Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

# Additional Safety Information

## When Driving

### Do Not Use the PC Functions of Your Device While Driving or Walking

Never use the personal computer functions of your device while driving an automobile or any other moving vehicle. Always pull out of traffic and come to a stop in a legally permissible and safe location before using your device. Failure to do so could result in serious bodily injury in a traffic accident.

When driving:

- Always secure your device in its leather pouch.
- Never place your device on the passenger seat or anyplace else in the car where it can become a projectile during a collision or stop.
- An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Never store or transport flammable liquids, gases or explosive materials in the same compartment of your automobile as the device or any of its accessories, as possible sparking in the device could cause ignition or explosion.

Never use your device while walking. Usage while walking could result in bodily injury caused by inattention to automobile traffic or other pedestrian hazards.

### Using The Phone While Driving Is Extremely Dangerous

Talking on or using your device while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

If you must use the phone function while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

**Warning** Failure to follow these instructions could lead to serious personal injury and possible property damage.

## When Using Your Device Near Other Electronic Devices

Your wireless handheld portable device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless device; therefore, use of your device must be restricted in certain situations.

In addition, the computer portion of your device produces low levels of RF energy due to the generation of digital timing pulses by its clock oscillator circuits. Your device has been equipped with internal shielding to minimize stray emissions of RF energy. However, use of the computer functions of your device must be restricted in certain situations.

### Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

For more regulatory information about hearing devices, see "FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices".

### Electronic Devices in Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### Posted Facilities

Turn your device OFF where posted notices so require.

## Turn Off Your Device Before Flying

### Aircraft

FCC regulations prohibit using the transmitting and phone functions of your device while in the air. In addition, most airline regulations prohibit the on-board use of portable PCs (and all other portable electronic devices that could potentially emit stray RF energy), particularly during take-offs and landings, to prevent any possible interference with the reception of signals by airborne electronic navigational devices.

Turn your device OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your device aboard an aircraft. Always follow the instructions of the airline representative whenever using your device aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

## Turn Off Your Device in Dangerous Areas

### Blasting Areas

To avoid interfering with blasting operations, turn your device OFF when in a "blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

### Potentially Explosive Atmospheres

Turn your device OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

## General Safety and Other Precautions

Your device is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and AC phone charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.

DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the device or its accessories. If service or repair is required, return unit to an authorized cellular service center. If the unit is disassembled, the risk of electric shock or fire may result.

Never allow metallic objects, such as staples and paper clips, to get into the inside of your device.

Never touch the liquid that might leak from a broken liquid crystal display. Contact with this liquid could cause a skin rash. If the crystal display liquid should come into contact with the skin or clothing, wash it immediately with clean water.

In the event that the device emits an unusual odor or sound or generates smoke, immediately disconnect the AC phone charger from the power outlet, then detach the battery.

## Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage your device, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the device with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

# Battery Safety

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

**DOs**

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 5°C (41°F) and 35°C (95°F).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

**DON'Ts**

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Lithium ion batteries are recyclable. When you replace the removable battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

# AC Phone Charger

## Use the Correct External Power Source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

- The AC phone charger designed for this unit requires the use of a standard 120 V AC power source for device operation.
- Never attempt to disassemble or repair an AC phone charger. Never use an AC phone charger if it has a damaged or worn power cord or plug. Always contact an authorized service center, if repair or replacement is required.
- Never alter the AC cord or plug on an AC phone charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.
- Never allow any liquids or water to spill on an AC phone charger when it is connected to an AC power source.
- Always use the authorized AC phone charger to avoid any risk of bodily injury or damage to your cellular phone or battery.
- Never attempt to connect or disconnect the AC phone charger with wet hands. Always unplug the AC phone charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.
- Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.
- Always disconnect the travel charger or desktop charger from the power source when it is not in use.

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# Chapter 1
## Getting Started

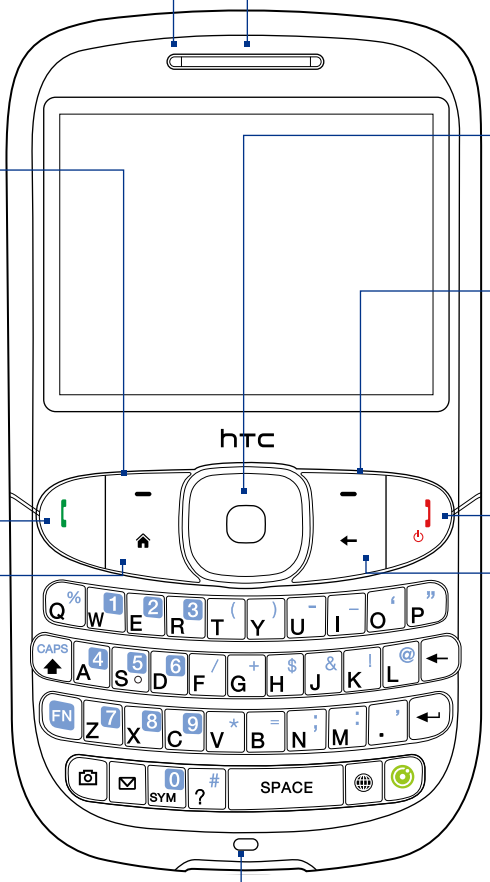
## 1.1 Getting to Know Your Phone

### Inside the box

You should find the following items inside the box.

- HTC Snap™ phone
- Battery
- AC adapter
- USB sync cable
- Wired stereo headset
- Getting Started Disc
- Quick Start Guide

### Front view




**Earpiece**
Listen to a phone call.

**Notification LED***
See description below

**NAVIGATION CONTROL**
- Press the NAVIGATION CONTROL buttons to scroll left, right, up, or down.
- Pressing the center acts as the ENTER button to click items on the screen.

**Left SOFT KEY**
Press to perform the command that appears above the button.

**Right SOFT KEY**
Press to perform the command that appears above the button.

**TALK/SEND**
- Press to answer an incoming call or dial a number.
- During a call, press and hold to toggle the speakerphone on and off.
- Press and hold to access Voice Command.

**END/POWER**
- Press to end a call or return to the Home screen.
- Press and hold to display the Quick List.

**HOME**
- Press to return to the Home screen.
- Press and hold to lock the keyboard and all phone buttons. Click **Unlock** to unlock the phone.

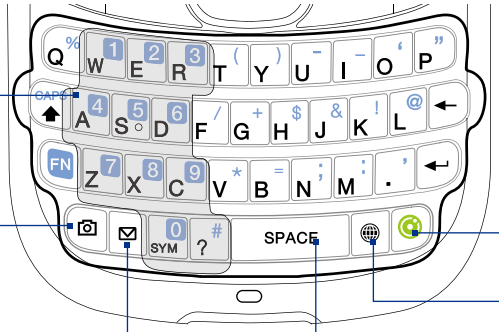
**BACK**

**Microphone**

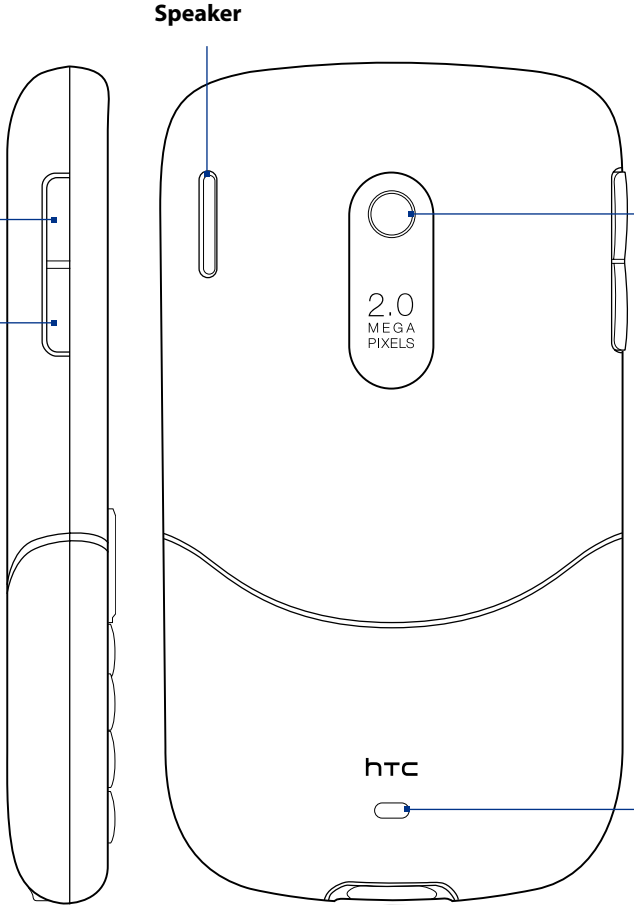
* The Notification LED displays a:
- Flashing green light when there are new text or e-mail messages, missed calls, or reminders.
- Solid green light when the phone is connected to the power adapter or a computer and the battery is fully charged.
- Solid amber light when the battery is being charged.
- Flashing red light when the remaining battery level reaches below 10%.

## Keyboard

Enter text, numbers, and symbols using the QWERTY keyboard. See "Entering Information" in this chapter for details. When you are not entering information, use the special keys to perform a function or open a program.

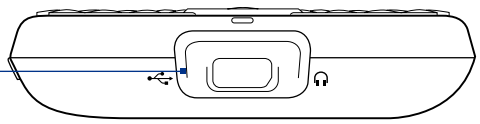



## Left, back, and bottom views




**Sync Connector/Earphone Jack**

- Connect the supplied USB cable here to synchronize information or plug in the AC adapter here to recharge the battery.
- Connect a USB stereo headset here for hands-free conversation or for listening to audio media.

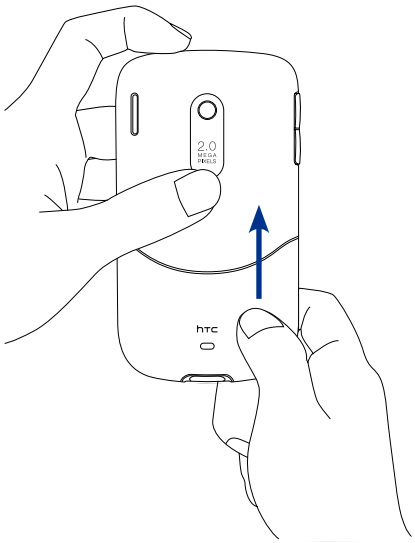


# 1.2 Installing the Battery and Storage Card

You need to remove the back cover before you can install the battery and a storage card (optional) on your phone.

### To remove the back cover

1. Hold the phone securely with both hands and the front facing down.
2. Push the back cover up with your thumb until it disengages from the phone and then slide it up to remove.




## Battery

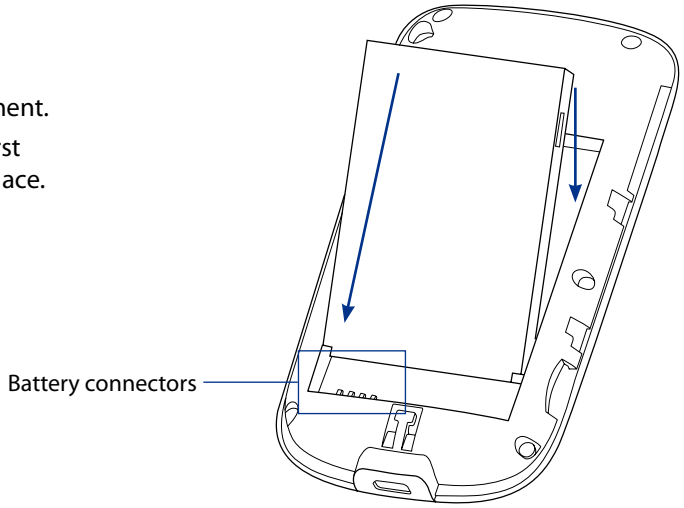
Your phone comes with a rechargeable Lithium-ion battery and is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including but not limited to your wireless service provider's network configuration, signal strength, and the temperature of the environment. For battery life estimates, see "Specifications" in the Appendix.

**WARNING!** To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, shorten external contacts, or dispose of in fire or water.
- Do not expose to temperatures above **140˚F (60˚C)**.
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulation.

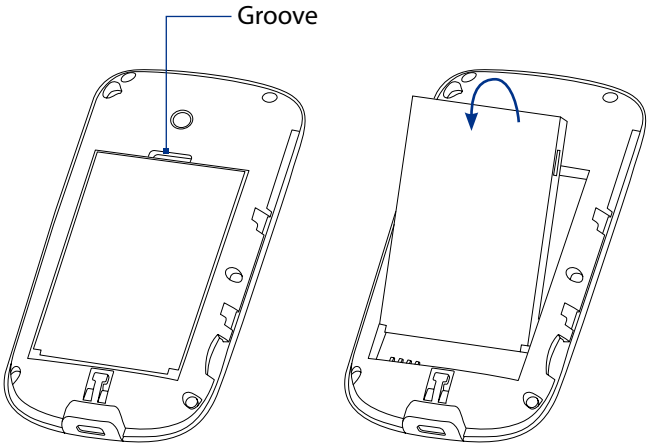
### To install the battery

1. Remove the back cover.
2. Align the exposed metal contacts on the edge of the battery with the battery connectors inside the battery compartment.
3. Insert the contacts side of the battery first and then gently push the battery into place.
4. Replace the back cover.



### To remove the battery

1. Make sure your phone is turned off.
2. Remove the back cover.
3. The upper part of the battery compartment has a groove. Lift the battery from the groove to remove it.



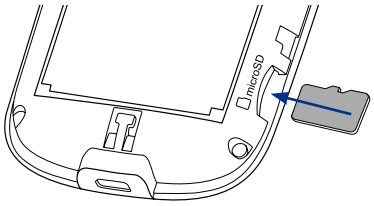

## Storage card

For additional storage for your images, videos, music, and files, you can purchase a microSD™ card and install it into your phone.

### To install the microSD card

1. Remove the back cover.
2. Insert the microSD card into the slot with its gold contacts facing down until it clicks into place.

**Note** To remove the microSD card, press it to eject it from the slot.




# 1.3 Charging the Battery

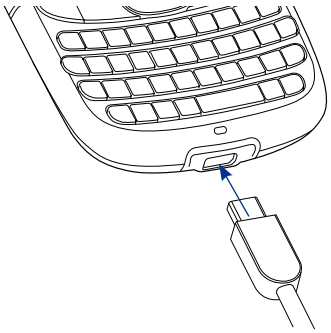
New batteries are shipped partially charged. Before you start using your phone, it is recommended that you install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

**Note** Only the AC adapter and USB sync cable provided with your phone must be used to charge the phone.

Charging is indicated by a solid amber light on the Notification LED. As the battery is being charged while the phone is on, a charging icon ( ) also appears in the title bar of the Home screen. After the battery has been fully charged, a full battery icon ( ) appears in the title bar of the Home screen.

### To charge the battery

1. Connect the USB connector of the AC adapter to the sync connector on the bottom of your phone.
2. Plug in the AC adapter to an electrical outlet to start charging the battery.



# 1.4 Starting Up

After installing and charging the battery, you can now power on and start using your phone.

## Turning your phone on and off

### To turn on the power

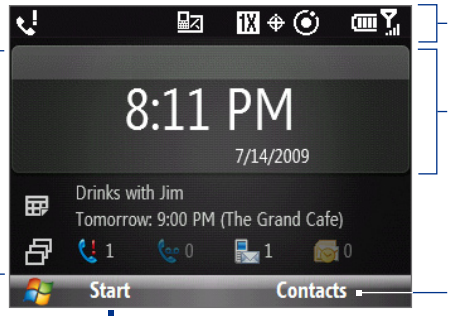
1. Press the END/POWER button for a few seconds.
2. When you turn on your phone for the first time, the phone installs customization settings, and then restarts.

### To turn off the power

1. Press the END/POWER button for a few seconds.
2. Select **Power off** on the Quick List.

# 1.5 Home Screen

The Home screen displays status indicators and HTC Home. The Home screen also provides quick access to various applications and settings that you frequently use on your phone.




**Title bar**
Displays the status indicators.
See "Status Indicators" for details.

Selected HTC Home panel.

**HTC Home**
See "HTC Home" for details.

Click to open the program, setting, or shortcut associated with the selected HTC Home panel.

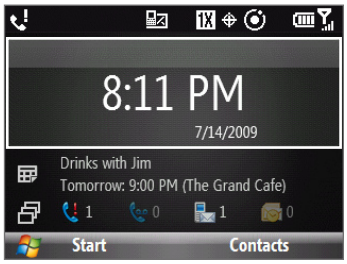
Click to display available programs and settings on your phone.

## HTC Home

HTC Home lets you quickly access various information, applications, and settings on your phone.

Navigate through the panels on HTC Home by scrolling up or down with the NAVIGATION CONTROL. When a panel is selected, scroll left/right to go through the available options of that particular HTC Home panel. Open the item by pressing ENTER.

### Home




Displays the current time and date, and an alarm icon if you have set up an alarm.

Click to open the **Clock & Alarm** screen where you can adjust the time and set alarms.

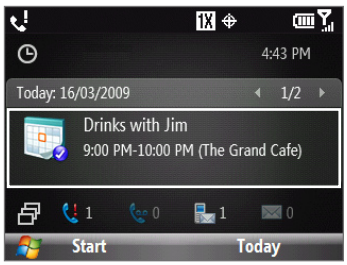
**Tip** Pressing HOME while on the Home screen takes you to this panel.

## Appointments

Lets you view your upcoming appointments for the day or set a new appointment.

If you have more than one appointment for the day, scroll right to go through your appointments.

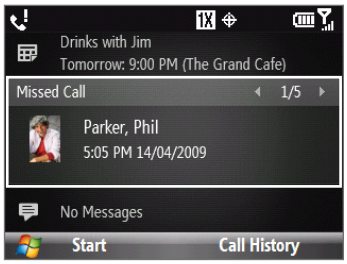
Click to open the Calendar and create or manage your appointments.




## Notification

Displays your missed calls and voicemails, lets you read snippets of unread text and media messages, or set up a new e-mail account.

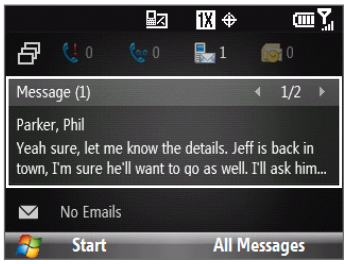
**Note** For missed calls, the default icon is shown if there is no picture associated with the contact who called you.




## Messages

Read snippets of your unread messages or create new text (SMS) messages. Scroll left or right to view your unread messages.

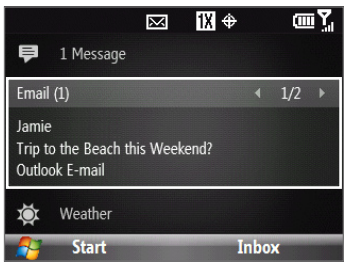
Click the message to open the full message.


Message (1)
1/2
Parker, Phil
Yeah sure, let me know the details. Jeff is back in town, I'm sure he'll want to go as well. I'll ask him...
No Emails
Start
All Messages

## E-mail

View snippets of your unread e-mail messages or create a new e-mail. Scroll left or right to go through your unread messages.

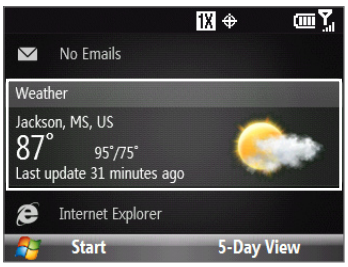
Click an e-mail to open the full e-mail.




## Weather

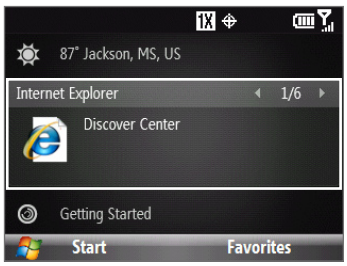
View the weather conditions of a selected city. Press ENTER to view the 5-day forecast for the city.

On the Forecast screen, click **Menu > Refresh** to refresh the weather information or press ENTER then scroll with the list to select another city.




## Internet Explorer

Quickly access your Internet Explorer Mobile favorites (bookmarks). Scroll left or right to go through your web favorites, and then press ENTER to open Internet Explorer to your favorite web page.



## Getting Started

Learn the basic features and settings of your phone through these tutorials.

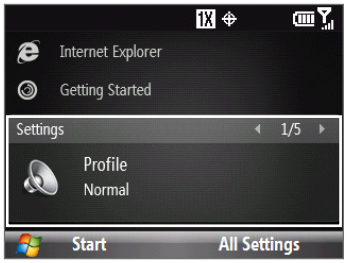
Scroll left or right to go through the available topics, and then press ENTER to view the selected topic.

**Tip** You can remove the Getting Started panel from HTC Home. To remove, scroll right until you see **Done! Remove Getting Started** and then press ENTER. On the Getting Started screen, click the **Add/Remove** link.

## Settings

Quickly change the phone profile, ring tone, and background image from this panel. You can also quickly access the Comm Manager and Task Manager programs on this panel.

Click **All Settings** to view all available settings for your phone.




# Status indicators

The following table lists common status indicators.

| Icon | Description | Icon | Description |
|---|---|---|---|
| | New text message | 1X | 1xRTT available (CDMA) |
| | New e-mail message | Ev | EVDO available (CDMA) |
| | New Live Messenger message | | Roaming |
| | Voice call in progress | | Data connection present |
| | Data call in progress | abc | Lowercase text input |
| | Missed call | ABC | Uppercase text input, caps lock |
| | Battery level | ABC | Uppercase text input |
| | Low battery | 12# | Numeric or symbol input, locked |
| | Very low battery | 12# | Numeric or symbol input |
| | Battery charging | xt9 | XT9 text input mode, lowercase |
| | No battery or battery fault | xT9 | XT9 text input mode, uppercase |
| | Signal strength | xT9 | XT9 text input mode, caps lock |
| | Radio connected or no signal | | Bluetooth on |
| | Radio off | | Bluetooth in visible mode |
| | Microphone muted | | Bluetooth headset connected |
| | Speakerphone on | | Location setting enabled |
| | Ringer off | | Location setting disabled (emergency only) |
| | Vibrate call alert | | New Inner Circle e-mail message. |

# 1.6 Start Menu

Your phone comes with several bundled programs that you can start using immediately. You can install or uninstall additional programs. Your phone does not allow you to uninstall most of the preinstalled programs.

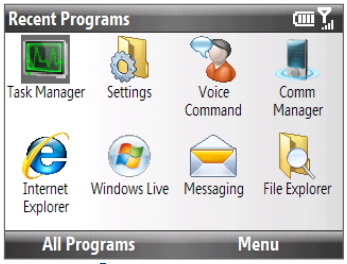
**Note** Before you purchase additional programs, make sure that they are compatible with your phone.

By default, the Recent Programs screen is shown when you click **Start**. To see the available programs on your phone, click **All Programs** on the Recent Programs screen.

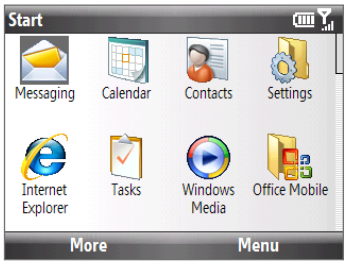
**Tip** You can disable the Recent Programs screen. To disable, from the Home panel, click **Start > All Programs > Settings > Home Screen** and then clear the **Show Recent Programs** check box. Disabling the Recent Programs screen takes you directly to the All Programs screen when you click **Start**.

To see more programs, click **More** or use the NAVIGATION CONTROL. Press ENTER or press the shortcut keys W,E,R,T and A, S, D, F to launch a program.

Recent Programs screen




Click to show the **Start** menu.

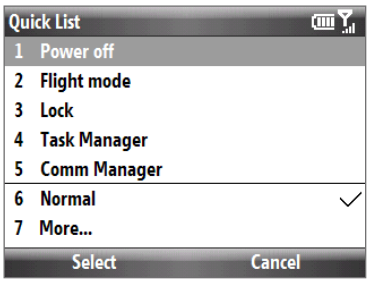



## Using the Quick List

The **Quick List** offers convenient access to a list of functions, such as locking your phone and keyboard, opening Comm Manager, and choosing a different profile.

### To access the Quick List

1. Press and hold the END/POWER button.
2. Select the desired option and click **Select**.
3. To exit the Quick List at any time, click **Cancel**.




# 1.7 Inner Circle

Inner Circle™ enables you to group your most important contacts together in one location and access them with the press of a single key. E-mail messages from your Inner Circle members will be grouped together as well.

### To display the Inner Circle screen

Do one of the following:

- Click **Start > All Programs > Inner Circle**.
- Press the Inner Circle key .

The first time you run Inner Circle, a tutorial shows you how to use common features of the program. For details on using Inner Circle, see Chapter 5.

**Tip** To run the tutorial again at any time, open the Inner Circle program and press **Menu > Tutorial**.

# 1.8 Entering Information

You can enter text, numbers, and symbols using the QWERTY keyboard. The status indicator on the top-right side of the display screen displays the input mode that you are currently using.

| | | | |
|---|---|---|---|
| abc | Lowercase text input | 12# | Numeric or symbol input |
| ABC | Uppercase text input, caps lock | xt9 | XT9 text input mode, lowercase |
| ABC | Uppercase text input | xT9 | XT9 text input mode, uppercase |
| 12# | Numeric or symbol input, locked | XT9 | XT9 text input mode, caps lock |

## Using the QWERTY keyboard

You can do the following with the QWERTY keyboard.

- To type lowercase letters, press the keys using your thumbs or fingers.
- To use a single uppercase letter, press CAPS and then press the corresponding key.
- To use all uppercase letters, press FN + CAPS. To change back to all lowercase letters, press CAPS.
- To enter a number or symbol that is printed at the upper-right corner of a key, press FN and then press the corresponding key.
- To continuously enter numbers or symbols that are printed at the upper-right corner of the keys, press FN twice and then press the corresponding keys. Press FN again to exit continuous input mode.
- To open the Symbol table and insert numbers, symbols, special characters, or punctuation, press 0 SYM.
- To backspace and delete a single character, press the BACK key.
- To backspace and delete several characters, press and hold the BACK key.
- Press SPACE to enter a space.
- While entering text, press and hold 0 SYM to display the text input options menu.

## Using Predictive mode

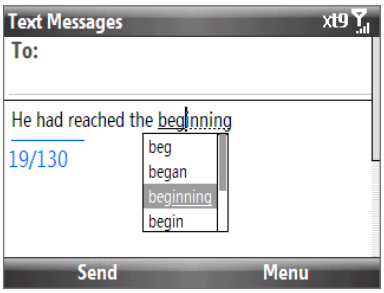
Predictive Mode analyzes your key presses and attempts to complete the word. It also tries to predict your next word based on previous sentences you have entered.

### To enter text in predictive mode

1. While entering text, press and hold 0 SYM to display the text input options menu and then select **Predictive Text** > **On**.

   **Note** You can choose a different XT9 language (if available) by selecting Language on the text input options menu, and then choosing the language you want.

2. Enter your text. While typing, words will appear in a menu on the screen.
3. Scroll up or down the word list to choose the word you want to insert, and then press ENTER.




### To add custom words to the XT9 My Words list

Save words that you often use but are not in the English dictionary into the XT9 My Words list. Words that you add into the XT9 My Words list will appear in the predicted word list.

1. While entering text, press and hold 0 SYM to display the text input options menu, and then select **XT9 My Words** > **Add**.

   **Note** You must first enable Predictive Text before you can select **XT9 My Words** from the menu.

2. In the **Add/Edit Word** box, enter the word and click **Done**.

To edit or delete words in the XT9 My Words list, click **Menu** and then select the appropriate command in the menu.

### To set XT9 settings

On the text input options menu, choose **XT9 Settings**. In the screen, choose the options you want and click **Done**.

**Note** You must first enable Predictive Text before you can select XT9 Settings from the menu.

- **Spell Correction.** Corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you have pressed as well as characters of nearby keys.
- **Auto-Substitution.** Automatically adds an apostrophe when you type commonly contracted words (e.g. "dont" automatically becomes "don't").
- **Word Completion.** Lets you select from a list of possible words based on the keys that you pressed and on the words available in the dictionary.
- **Word completion by.** Lets you choose which key to use to select a word from the word completion list.

## Using Numeric mode

If a text box permits a numeric entry only, such as a phone number, the input mode automatically defaults to Numeric mode. However, if you need to enter numbers within a line of text, change to Numeric mode, and then change back to normal or predictive mode to finish entering the text.

### To enter numbers in text boxes

1. While entering text, press and hold

to display the text input options menu.
2. Select numeric mode (123) from the menu.
3. On the keypad, enter the number or numbers you want.
4. Change back to normal or predictive input mode by selecting either mode from the text input options menu, and then finish entering your text.

# Chapter 2
## Using Phone Features

## 2.1 Using the Phone

The Phone screen lets you open, call, or find a contact, and even save a new number in Contacts. To open the Phone screen, press TALK/SEND or enter the phone number by pressing the keys on the keypad.

### Hearing aid compliance

Turning on hearing aid compliance reduces hearing aid interference and ensure the hearing aid is working well when you are in a phone call.

#### To turn on hearing aid compliance

1. Click **Start** > **All Programs** > **Settings** > **Hearing Aid Compliance**.
2. Select the **Turn on Hearing Aid Compliance** check box.
3. Click **Done**.

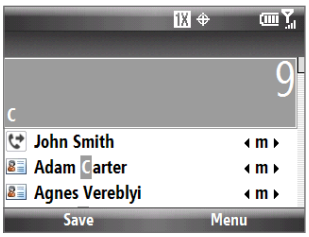
## 2.2 Making a Call

You can make calls from the Phone screen, from Contacts, Speed Dial, and Call History.

### Making a call from the Phone screen

1. Press the TALK/SEND button.
2. Enter the phone number by pressing keys on the keypad.
   Press the BACK key if you need to delete a number.
3. Press TALK/SEND.

**Tip** When you press a key on the keypad, a list of names and numbers is displayed as your phone searches Contacts, Call History, and Speed Dial to find a matching name or number. The next key you press continues to narrow the search. When you see the name of the person you want to call, select it, and press TALK/SEND.




### Making a call from Contacts

1. On the Home panel, click **Contacts**.
2. Select the desired contact, and press TALK/SEND.

#### To choose the number to dial

By default, the mobile telephone number (m) of a contact is dialed when you make a call from Contacts. However, you can choose to dial a different phone number.

1. On the Home panel, click **Contacts**.
2. Select the contact.
3. Scroll left or right with the NAVIGATION CONTROL. The letter representing the number changes to **m** (mobile), **w** (work), or **h** (home).
4. Press TALK/SEND to dial the number.

To learn more about creating and managing Contacts on your phone, see Chapter 5.

### Making a call from Call History

1. On the Home screen, click **Start** > **All Programs** > **Call History**.
2. Select a name or number, and press TALK/SEND.

### To manage your call history

In the Call History screen:

- Select a name or number and then press ENTER to view the call information from the contact. Pressing ENTER again dials the associated number.
- Select a name or number and then click **Save** to save the number to Contacts.
- Click **Menu** to select various options to customize and filter the calls you made, received, or missed.

## Making an emergency call

Enter the appropriate emergency number for your locale, and press TALK/SEND.

## Making an international call

1. Press and hold the **0** (Zero) key on the keypad until "+" symbol appears.
2. Enter the full phone number you want to dial, and press the TALK/SEND button on your phone. The full phone number includes the country code, area code (without the leading zero, if any), and phone number.

### To insert a pause or long pause in a dialing sequence

Some international calls or phone numbers require a pause or long pause in the dialing sequence in order for the call to process successfully.

1. On the Home panel, click **Contacts**.
2. Select the contact and press ENTER to open the contact card.
3. Click **Menu > Edit**.
4. Position the cursor on the phone number where you want to insert a pause.
5. Click **Menu > Insert Pause** or **Insert Wait**. The letter "p" (Insert Pause) or "w" (Insert Wait) will appear in the number sequence to indicate where the pause or long pause will occur.
6. Click **Done**.

**Note** When you call a number that contains a long pause, you must press TALK/SEND again to continue dialing.

# 2.3 Speed Dial

You can create speed dial entries for frequently-called numbers so you can dial a number by pressing a single key.

### To create a speed dial entry

1. On the Home panel, click **Contacts**.
2. Select a contact and ENTER to view the contact details.
3. Select the desired phone number and click **Menu > Add to Speed Dial**.
4. Specify the **Name**, **Value**, and **Keypad assignment** of the Speed Dial entry.
5. Click **Done**. To quit at any time during this process, click **Menu > Cancel**.

**Note** The first speed dial location is generally reserved for your voicemail. Speed Dial uses the next available location by default. If you want to place a number in a location that is already used, the new number replaces the existing number.

### To retrieve a voicemail message

On the Home screen, press and hold **1** to access your voice mailbox, and follow the prompts to retrieve your messages.

### To make a call using Speed Dial

If you have assigned a speed dial (for example, the number **2** key) to a contact in Speed Dial, you can simply press and hold the **2** key to dial the contact's number.

### To delete a speed dial entry

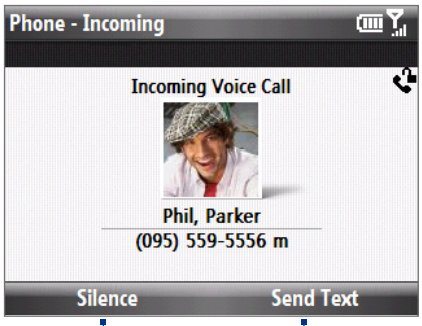
1. On the Home screen, click **Start > All Programs > Speed Dial**.
2. Select the desired entry and click **Menu > Delete**.

## 2.4 Receiving and Ending a Call

When you receive a phone call, an incoming Voice Call message appears on the screen and you are given the option to answer or ignore it.

### To answer or ignore an incoming call

To answer the call, press the TALK/SEND button. To reject the call, press the END/POWER button.




Click to mute the ringing sound without rejecting the call.

Click to reject the call and to send a text message to the caller's mobile phone.

**Tip** To adjust the in-call volume, press the VOLUME UP/DOWN buttons on the left panel of the phone.

### To end a call

When a call is in progress, press the END/POWER button to hang up.

### To set Advanced Phone settings

You can set phone options such as reject calls with a text message, vibrate the phone when call is connected, and more.

Click **Start > All Programs > Settings > Phone > Advanced** and then select the options you want.

# 2.5 In-Call Options

Your phone gives you various options when you are in a call.

## Turning the speakerphone on and off

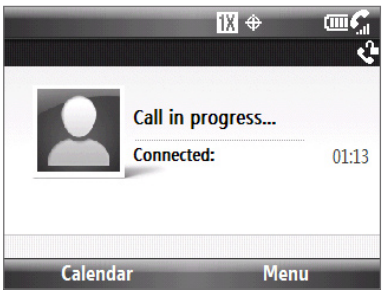
During a call, press and hold TALK/SEND to turn the speakerphone on or off. The speakerphone icon ( ) appears in the title bar when the speakerphone is on.

**Note** To decrease potential damage to your hearing, do not hold your phone against your ear when the speakerphone is turned on.

## Putting calls on hold

When you are on a call, you will be notified when you receive another incoming call. You have the choice of ignoring or accepting the call. If you accept the new call, the first call is put on hold. While on a call you can also put the first call on hold and dial another number.

1. Either put a call on hold (press ENTER) and dial a second number, or answer another incoming call during a call.
2. Do one of the following while you are online with two calls.
   - To switch between the two calls, press ENTER.
   - To end the calls, press END/POWER.




# 2.6 Phone Settings

Your phone directly links to the mobile phone network and the Phone settings menus allows you to access and change the settings of various phone services. Contact your cellular provider to find out about the availability of phone services.

### To access Phone settings

On the Home screen, click **Start** > **All Programs** > **Settings** > **Phone**.

# Chapter 3
## Synchronizing Information

## 3.1 About Synchronization

You can take information from your computer wherever you go by synchronizing them to your phone. The following types of information can be synchronized:

- **Microsoft Outlook® information**, which includes Outlook e-mail, contacts, calendar, tasks, and notes
- **Notes**, which are created using Microsoft® Office OneNote® 2007
- **Media**, such as pictures, music and video
- **Favorites**, which are the bookmarked links to your favorite web sites
- **Files**, such as documents and other files

**Note** You can also synchronize Outlook e-mail, contacts, calendar, and tasks on your phone with the Exchange Server at your work. For more information about setting up your phone to synchronize with the Exchange Server, see Chapter 7.

Before you can synchronize, you will first need to install and set up the synchronization software on your computer. For information about installing and using the synchronization software on your computer, see "Using Windows Mobile Device Center" and "Installing and Using ActiveSync" in this chapter.

After installing the synchronization software on your computer, connect the phone to your computer using the USB sync cable. Upon connecting the sync cable to your phone and your computer, the synchronization process starts automatically.

You can also synchronize information with your computer using Bluetooth. See "Synchronizing via Bluetooth" later in this chapter.:

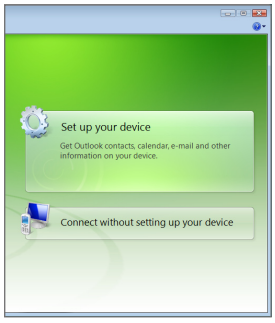
**Notes**
- ActiveSync or Windows Mobile Device Center only synchronizes data on your computer and phone. If you have installed a storage card and you want to back up files from the storage card, use Windows Explorer on your computer to copy files from the storage card to your computer.
- If you are sending your phone for repair or performing a hard reset, data from your phone will be lost. It is recommended that you sync your phone to your computer to back up your files. To back up files from the storage card to your computer, use Windows Explorer to copy files from the storage card to the computer.

## 3.2 Setting up Windows Mobile® Device Center on Windows Vista®

**Microsoft Windows Mobile® Device Center** is the replacement for Microsoft® ActiveSync® on Windows Vista®. Some versions of Windows Vista® come with Windows Mobile Device Center already installed. If Windows Mobile Device Center is not available on your Windows Vista®, you can install it from the Getting Started Disc that came with your phone.

### Setting up synchronization in Windows Mobile Device Center

When you connect your phone to your computer and start Windows Mobile Device Center for the first time, you are asked to create a Windows Mobile partnership with your phone. To create a partnership:


Set up your device
Get Outlook contacts, calendar, e-mail and other information on your device.
Connect without setting up your device

1. Connect your phone to your PC. Windows Mobile Device Center configures itself and then opens.
2. On the license agreement screen, click **Accept**.
3. On the Windows Mobile Device Home screen, click **Set up your device**.

   **Note** Choose **Connect without setting up your device** if you only want to transfer media files, check for updates, and explore your phone but not sync Outlook information.
4. Select the information types that you want to synchronize then click **Next**.
5. Enter a name for your phone and click **Set Up**.

When you finish the wizard, Windows Mobile Device Center synchronizes your phone automatically. Notice that Outlook e-mail messages and other information will appear on your phone after synchronization.

### Using Windows Mobile Device Center

To open Windows Mobile Device Center, click **Start > All Programs > Windows Mobile Device Center** on your Windows Vista computer.

Programs and Services
Pictures, Music and Video
Import pictures/video from your device
Pictures/video import settings
Add media to your device from Windows Media Player
File Management
Mobile Device Settings

On Windows Mobile Device Center, you can do the following:

- Click **Mobile Device Settings** to change synchronization settings.
- When you click **Pictures, Music and Video > XX new pictures/video clips are available for import**, a wizard guides you to tag and transfer photos from your phone to the Photo Gallery on your computer.
- Click **Pictures, Music and Video > Add media to your device from Windows Media Player** to synchronize music and video files using Windows Media® Player. For more information, see "Using Windows Media® Player Mobile" in Chapter 10.
- Click **File Management > Browse the contents of your device** to view documents and files on your phone.

**Note** See Windows Mobile Device Center Help for more information.

## 3.3 Setting Up ActiveSync® on Windows® XP

On a Windows® XP computer, you need to use Microsoft ActiveSync® 4.5 or later. If you do not have this software on your computer, you can install it from the Getting Started Disc that came with your phone.

### Setting up synchronization in ActiveSync

1. Connect your phone to your computer. The Synchronization Setup Wizard automatically starts and guides you to create a synchronization partnership. Click **Next** to proceed.
2. To synchronize your phone with your computer, clear the **Synchronize directly with a server running Microsoft Exchange** check box, then click **Next**.
3. Select the information types that you want to synchronize, then click **Next**.
4. Select or clear the **Allow wireless data connections** check box according to your preference.
5. Click **Finish**.

When you finish the wizard, ActiveSync synchronizes your phone automatically. Notice that Outlook e-mail messages and other information appear on your phone after synchronization.

# 3.4 Synchronizing with Your Computer

Connect your phone to your PC to synchronize the information between your phone and PC. While your phone is connected, ActiveSync (or Windows Mobile Device Center on your PC) synchronizes every time you make a change on either the PC or your phone.

## Starting and stopping synchronization

You can manually synchronize either from your phone or computer.

### From your phone

Click **Start > ActiveSync**, then click **Sync**. To end synchronization before it completes, click **Stop**.

**Tip** To delete a partnership with one computer completely, disconnect your phone from that computer first. In ActiveSync on your phone, click **Menu > Options**, select the computer name, then click **Menu > Delete**.

### From Windows Mobile Device Center

1. **Click Start > All Programs > Windows Mobile Device Center.**
2. Click at the lower left of the Windows Mobile Device Center.

   To end synchronization before it completes, click .

### From ActiveSync on your computer

When you connect your phone to your computer, ActiveSync automatically opens on your computer and synchronizes.

- To manually start synchronization, click .
- To end synchronization before it completes, click .

## Selecting information to synchronize

You can change the information types and the amount of information to synchronize for each type either on your phone or your computer. Follow the steps below to change synchronization settings on your phone.

**Note** Before changing synchronization settings on your phone, disconnect it from your computer.

1. In ActiveSync on your phone, click **Menu > Options**.
2. Select the check box for any items you want to synchronize. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change synchronization settings for an information type, for instance, **E-mail**, select it and click **Settings**.

   You can then set the download size limit, specify the time period of information to download, and more.

**Notes**

- Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your phone. You can only select or clear these items from your computer's Windows Mobile Device Center or ActiveSync.
- A computer can have sync partnerships with many different Windows Mobile powered phone, but a phone can have sync partnerships with at most two computers. To ensure that your phone will synchronize properly with both computers, set up the second computer using the same synchronization settings you used on the first computer.
- Outlook e-mail can be synchronized with only one computer.

## Troubleshooting sync connection problems

In some cases, when the computer connects to the Internet or a local network, it may disconnect the connection with your phone in favor of the Internet or network connection.

If this happens, click **Start > All Programs > Settings > Connections > USB to PC**, then clear the **Enable faster data Synchronization** check box. This makes your computer utilize a serial USB connection with your phone.

# 3.5 Synchronizing via Bluetooth

You can connect and synchronize your phone with the PC using Bluetooth.

**Note** To connect and synchronize your phone with a computer via Bluetooth, your computer must have a built-in Bluetooth or installed with a Bluetooth adapter or dongle.

### To synchronize with a computer via Bluetooth

1. Set up Windows Mobile Device Center or ActiveSync on your computer to synchronize through Bluetooth. See the program's Help for instructions.
2. Make sure that Bluetooth on both your phone and the computer is turned on and set to visible mode. See "Bluetooth modes" in Chapter 8 for details. If this is the first time you have connected to this computer via Bluetooth, you must first complete the Bluetooth wizard on your phone and set up a Bluetooth partnership between your phone and the computer. For more information about creating a Bluetooth partnership, see "Bluetooth partnerships" in Chapter 8.
3. On your phone, click **Start > All Programs > ActiveSync**.
4. Click **Menu > Connect via Bluetooth**.

**Note** To preserve battery power, turn off Bluetooth when not in use.

# 3.6 Synchronizing Music and Video

If you want to carry your music or other digital media along with you while you travel, set up Microsoft Windows Media Player on your computer to synchronize music and video with your phone.

Other than selecting the media information type in ActiveSync to be synchronized, all media synchronization settings must be set in Windows Media Player. Before media can be synchronized, you must do the following:

- Install Windows Media Player Version 11 on the PC. (Windows Media Player 11 works only in Windows XP or later versions).
- Connect your phone to the PC with a USB cable.
- Set up a sync partnership between the phone and Windows Media Player.

For more information about Windows Media Player on your phone, see "Windows Media Player Mobile" in Chapter 9.

# Chapter 4
## Managing Your Phone

## 4.1 Changing Basic Settings

### Personalizing the Home screen

The Home screen is the starting place for most of the tasks you perform on your phone and gives you access to all the features and programs of your phone.

**To customize the Home screen**

1. On the Home screen, click **Start > All Programs > Settings > Home Screen**.
2. Select from the available options, and then click **Done**.

**To set a picture as the Home screen background**

1. On the Home screen, scroll to the **Settings** panel.
2. Scroll right until you see **Background Image** and then press ENTER.
3. Navigate to the picture you want to use and then click **Done**.

### Setting the date, time, and alarms

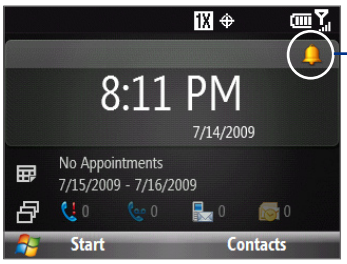
**To set the date and time**

1. On the Home screen, scroll to the **Home** panel and then press ENTER.
2. Click **Date and Time** and then set the **Time zone**, **Date**, and **Time**.
3. Click **Done**.

**To set an alarm**

You can set up to two alarms on your phone.

1. On the Home screen, scroll to the **Home** panel and then press ENTER.
2. Click **Alarm 1** or **Alarm 2**.
3. Set the Alarm settings you want and then click **Done**. When you turn on an alarm, an **Alarm** icon appears on the **Home** panel.




### Setting regional options

Your phone comes with the regional settings that are appropriate for your location. If desired, you can specify the language, locale, date and time style, as well as number and currency formatting options applicable to your region.

**To change the regional settings**

1. On the Home screen, click **Start > All Programs > Settings > Regional Settings**.
2. In **Language**, select your preferred language.
3. In **Locale**, select the locale for the language you selected. The **Locale** option automatically changes the format of the remaining options (such as date, time, and currency) according to the locale you specify.
4. Click **Done**.

# Customizing sounds and notifications

You can choose how to be notified for incoming calls, reminders, new messages, alarms, and more.

## To set the ring tone for incoming calls

1. On the Home screen, scroll down to the **Settings** panel.
2. Scroll right until you see **Ringtone** and then press ENTER.
3. On the Sounds screen, select a ringtone in **Ring tone** and then click **Done**.

If you select **Vibrate**, the sound mutes and the phone will vibrate when you receive a call. The Vibrate icon ( ) appears in the title bar. Selecting **None** in the **Ring tone** list mutes the phone.

## To change the phone profile

A profile is a group of settings that determine how your phone will alert you during an event such as incoming calls and notifications.

1. On the Home screen, scroll to the **Settings** panel.
2. Navigate to the **Profile** option, and then press ENTER.
3. Select the profile you want to use and then click **Done**.

**Tip** To quickly change the profile, press and hold the END/POWER button to display the Quick List, and choose a profile from the lower half of the screen.

## To edit a phone profile

1. On the Home screen, scroll to the **Settings** panel.
2. Navigate to the **Profile** option, and then press ENTER.
3. Select the **Profile** you want to edit, and then click **Menu > Edit**.
4. Modify the settings and click **Done**.

**Tips**
- To revert to the default profile settings, click **Menu > Reset to default**.
- To cancel without saving the changes, click **Cancel**.

## To specify the sound for an event

1. On the Home panel, click **Start > All Programs > Settings** > **Sounds**.
2. For each event, select the desired sound. Select **None** if you do not want to hear an event sound. Note that the sound plays when selected. To hear the sound again, select **Menu > Play**.
3. Click **Done**.

## To set keypad sound

1. On the Home screen, click **Start > All Programs > Settings > Sounds**.
2. In **Keypad control**, select a sound. Select **None** if you do not want to hear any sound while pressing a key.
3. Click **Done**.

## To copy a sound to your phone

You can use a .wav, .mid, .wma, or .mp3 audio file on your phone as a ring tone, notification, or reminder.

1. Connect the phone to your PC using the USB sync cable.
2. On your PC, copy the sound file you want.
3. Explore the phone's contents:
   - In Windows Mobile Device Center, click **File Management > Browse the contents of your device**.
   - In ActiveSync on your PC, click **Explore** and double-click **My Windows Mobile-Based Device**.
4. Navigate to your phone's **Application Data > Sounds** folder and then paste the audio file.

# 4.2 Managing Memory and Battery Power

## Checking the phone memory

1. On the Home screen, click **Start > All Programs > Settings > About**.
2. Scroll down to check the **Available Memory** and the **Available Storage** on your phone.

## Adjusting the power management settings

You can use Power Management to check the battery, and configure settings that prolong battery life.

1. On the Home screen, click **Start > All Programs > Settings > Power > Power Management**.
   Under **Main Battery**, you can see the amount of battery life remaining.
2. To optimize battery usage, you can adjust the following settings:
   - **Backlight brightness:** lower the backlight brightness for maximum battery life.
   - **Backlight time out on battery/AC** and **Display time out on battery/AC**: set the time when the backlight and display will turn off when the phone is not in use.
   - **Adjust keypad backlight by light sensor**: select whether to enable or disable the light sensor to sense dark conditions and to activate a backlight under the keyboard.
   - **When device is turned on, do not charge the battery when connected to the PC**: select **Off** if you want to charge the phone battery every time the phone is connected to the computer via USB.
3. Click **Done**.

## Managing low battery

When the low-battery warning appears, do the following:

1. Immediately save your current data.
2. Synchronize with your PC or use the AC adapter to charge the battery.
3. Turn off your phone. Turn it back on only when you need to use it.

# 4.3 Working with Files

You can copy files between your phone and computer, or copy files to a storage card installed on your phone. You can also efficiently manage your files and folders using File Explorer.

## Copying files to your computer

1. Connect your phone to your PC.
2. Do any of the following:
   - In Windows Mobile Device Center, click **File Management > Browse the contents of your device**.
   - In ActiveSync on your PC, click **Explore**. This opens the Mobile Device folder for your phone.
3. Browse your phone for files that you want to copy to your PC.
4. Select and copy the files **[Ctrl + C]** and then paste them **[Ctrl+V]** to the destination folder in the PC.

Copying a file results in separate versions of a file on your phone and PC. Changes made to one file will not affect the other since the files are not synchronized.

## Using File Explorer

**File Explorer** provides many easy-to-use features for file and folder management. File Explorer lets you browse and manage the contents of your phone.

### To start File Explorer

1. Click **Start > All Programs > File Explorer**.
   The root folder on the phone is named **My Device**, and contains the following folders: My Documents, Program Files, Windows, and more.
2. Click a folder or file to open it.
3. To return to an upper level folder, click **Up** and select the folder.

### To copy files to a storage card

1. Make sure that the storage card is properly installed on your phone. See Chapter 1 for details.
2. On the **File Explorer** screen, navigate to the appropriate folder.
3. Select the file you want to copy, and then click **Menu > Edit > Copy**.
4. Click **Menu > Storage Card**.
5. Click **Menu > Edit > Paste**.

## 4.4 Adding and Removing Programs

Before you purchase additional programs for your phone, make sure that they are compatible for Windows Mobile® 6.1 Standard operating system. Also, before you launch the program installer, check first whether the installer can directly run on Windows Mobile or needs to be run on a computer.

### To install a program directly on your phone

1. If the installer is a **.cab** file, directly download or copy it to your phone.
2. On your phone, open File Explorer and navigate to the installer file.
3. Click the file to launch the installer.
4. Choose whether to install the program into the main memory or your storage card, if you have the storage card inserted on your phone.
5. Wait for the installation to complete.

**Note** You may be prompted to restart your phone after installation is completed.

### To install a program from your computer

1. If the installer is an .exe file such as **Setup.exe**, most likely, the installer needs to be run on a computer. Download or copy it to your computer.
2. Connect your phone to your computer using the USB cable, and then double-click the installer file on your computer to launch the installer.
3. Follow the on-screen instructions on your computer and your phone to complete the installation.

### To remove a program

1. On the Home screen, click **Start > All Programs > Settings > Remove Programs**.
2. Scroll to the program to remove and then click **Menu > Remove**.

## Using Speed Dial to open programs

You can create speed dial entries for frequently-used programs so you can open a program simply by pressing a single key.

### To create a speed dial entry for a program

1. On the Home screen, click **Start > All Programs** and then highlight the program you want to assign to a speed dial key.
2. Click **Menu > Add Speed Dial**.
3. Specify the **Name** and **Keypad assignment** of the Speed Dial entry.
4. Click **Done**.

### To open a program using Speed Dial

If you have assigned a speed dial (for example, number 3) to a program in Speed Dial, you can simply press and hold the number 3 key on the phone keypad to open the program.

### To delete a speed dial entry

1. On the Home screen, click **Start > All Programs > Speed Dial.**
2. Select the entry you want to delete and click **Menu > Delete**.

# 4.5 Using Task Manager

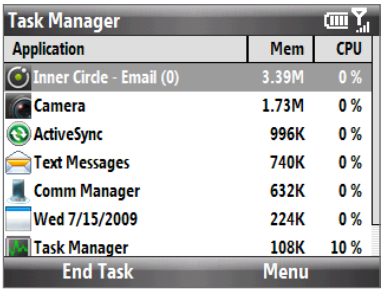
Task Manager allows you to view or stop the programs currently running on your phone.

### To stop a running program

1. On the Home screen, click **Start > All Programs > Accessories > Task Manager**.
2. On the Task Manager screen, select a program on the list and then click **End Task**.

   To stop all running programs, click**Menu > End All Tasks**.

**Tip** Click Menu to open a menu where you can change the view, sorting order, refresh the screen, and more.




# 4.6 Protecting Your Phone

You can lock the keyboard or the entire phone to protect against accidental key presses when the phone is in your bag or pocket.

## Locking the phone and keyboard

### To enable the phone lock

1. On the Home screen, click **Start > All Programs > Settings > Security > Device lock**.
2. Select **Prompt if device unused for**, then select the amount of time for the phone to be inactive before automatically locking.
3. Select the Password type, then enter and confirm your password.
4. Click **Done** and then click **Yes** in the confirmation screen.

**Notes**
- Once you configure the phone lock settings, you can enable the phone lock from the Quick List directly without configuring the settings again.
- To disable the phone lock, click **Unlock** and then enter the password you have set to unlock your phone.

### To lock the keyboard

To quickly lock the keyboard, press and hold the HOME button. Alternately, you can also lock the keyboard by pressing and holding the END/POWER button to display the Quick List, and then selecting **Lock** on the menu.

Once the keyboard is locked, the Left SOFT KEY label changes to **Unlock**. To unlock the keyboard, click **Unlock** and press [v*].

**Note** You can still receive calls and make emergency calls when the keypad and keyboard are locked.

## Encrypting files

You can set your phone to encrypt files as they are saved on the storage card.

### To encrypt files on the storage card

Click **Start > All Programs > Settings > Security > Encryption** and select **Encrypt files when placed on storage cards**.

**Notes**
- Encrypted files can only be read on the phone that encrypted them.
- Encrypted files are opened just like other files, provided you are using the phone that encrypted them. There is no separate step for you to take to read these files.

**Important** If **Encrypt files when placed on storage cards** is enabled, backup all files from the storage card **before** using Clear Storage or updating the operating system. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

# 4.7 Restarting and Resetting Your Phone

## Restarting your phone

Restart your phone when a program is not performing properly or the phone is not responding to any keypresses.

**Warning!** If the phone is restarted while a program is running, any unsaved work will be lost.

### To restart the phone

1. Remove the battery. See Chapter 1 for details.
2. After three seconds, reinsert the battery and turn on your phone.

## Resetting your phone

Resetting your phone will remove all the data from its memory and restore the phone back to the factory default settings.

**Note** If **Encrypt files when placed on storage cards** is or was enabled before, then backup all files from the storage card BEFORE using Clear Storage or updating the ROM system software. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

**Warning!** Because all your data will be deleted, it is recommended that you back up your data first before resetting your phone.

### To reset your phone

1. Click **Start > All Programs > Accessories > Clear Storage**.
2. Follow the on-screen instructions to reset the phone. The phone will restart after it has been reset.

# Chapter 5
## Organizing Information

## 5.1 Contacts

Contacts is your address book and information storage for the people and businesses you communicate with. If you use Outlook on your PC, you can synchronize contacts between your phone and PC.

### Creating a contact

1. On the Home panel, click **Contacts > New**.
2. Enter the contact details in the fields provided.
3. To easily identify the caller, you can assign a custom ring tone to each Outlook contact. To assign a custom ring tone, scroll down to **Custom ring tone**, and select the desired ring tone.
4. To assign a picture to a contact, scroll down to **Picture,** click **Select a picture** and choose the picture you want.
5. Click **Done**.

**Tips**
- If someone who is not in your list of contacts calls, you can quickly create a contact from Call History by clicking **Menu > Save to Contacts.**
- If someone who is not in your list of contacts sends you a message, select the message in the message thread and and press ENTER. You are prompted to create a new contact for the person.

### Editing and calling a contact

#### To view and edit a contact information

1. On the Home panel, click **Contacts**.
2. Select the contact whose information you want to view or edit and click **Menu > Edit**.
3. When finished making changes, click **Done**.

#### To call a contact from the contact list

1. On the Home panel, click **Contacts**.
2. Select the contact to call and press TALK/SEND. The contact's default phone number is dialed.

**Tip** To call a phone number other than the default, click the contact, scroll to the number you want to dial, and press TALK/SEND.

### Finding a contact

#### To find a contact

1. On the Home panel, click **Contacts**.
2. Do one of the following:
   - Begin entering a name or phone number of the contact until the contact is displayed. When you press a key, such as **S**, you find first and last names that begin with **S**. The next key you press continues to narrow the search.
   - If you have assigned categories (e.g. Business) to your Outlook contacts, you can filter the contact list by categories. In the contact list, click **Menu > Filter** and then click a category. To show all contacts again, select **All Contacts**.
   - If you have entered information under **Company** for your Outlook contacts on your phone, you can quickly locate the contacts that work for a specific company. In the contact list, click **Menu > View By > Company**. Click the company to see the contacts who work there.

**Note** If you are not in Name view, click **Menu > View By > Name**.

## Sharing contact information

### To beam contact information to another device via Bluetooth

1. On the Home panel, click **Contacts** and then select the contact whose information you want to beam.
2. Click **Menu > Send Contact > Beam**.
3. Select the device where you want to beam the contact details to and click **Beam**.

**Note** Before you can beam, make sure Bluetooth is turned on and set to **Visible** mode on your phone and the target mobile device. For more information, see "Bluetooth" in Chapter 8.

# 5.2 Using Inner Circle

**Inner Circle™** enables you to group your most important contacts together in one location and access them with the press of a single key. E-mail messages from your Inner Circle members are also grouped for quick access.

You need to set up an e-mail account before you can receive and group e-mail messages from your Inner Circle contacts. For more information on how to set up an e-mail account, see "E-mail" in Chapter 6.

### To open Inner Circle

Click **Start > All Programs > Inner Circle or** press the Inner Circle key ( ).

**Note** The first time you open Inner Circle, click **Play** to view a tutorial that guides you through the common features of the application. Otherwise, click **Skip** to display your contacts list and start selecting the people you want to add to your Inner Circle.

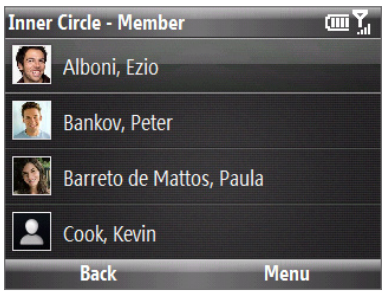
## Creating your Inner Circle and viewing e-mail messages

You can add people to your Inner Circle from your contacts list or from e-mail messages.

**Note** Only Outlook contacts can be added to your Inner Circle.

### To add people to your Inner Circle from the contacts list

1. Press . Your Outlook contacts list displays.
2. Navigate to a contact, and press ENTER to select it. Repeat the process to select more contacts.
3. When you are finished selecting all the desired contacts, click **Add**.
   Your Inner Circle contacts are displayed on the screen.




### To add people to your Inner Circle using their e-mail address

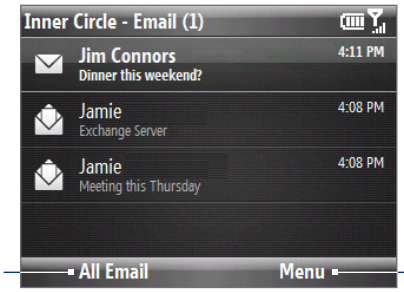
1. On the **Member** screen, click **Menu > Add**, and then click **Menu > New**.
2. Enter the e-mail address of the contact you want to add, and then click **OK**.

### To add the e-mail sender to your Inner Circle

1. From the e-mail account inbox, select or open an e-mail message.
2. Click **Menu > Add to Inner Circle**, and then click **OK** on the confirmation screen.

### To view e-mail messages from Inner Circle contacts

1. Press . All e-mail messages from Inner Circle contacts are displayed.
2. Select an e-mail and press ENTER to open it.




Open the Messaging accounts screen

Click to sort, send/ receive, search e-mail in Inner Circle and more.

## Managing your Inner Circle

### To search for a contact in your Inner Circle

1. Press and then click **Menu > Member List** to access the Member screen.
2. Click **Menu > Search Member**.
3. Start entering the contact name in the search box. The list displays contacts whose names begin with the letters you entered.

   **Note** Turn off XT9 mode if it is enabled. To turn off XT9 mode, press and hold and select **Predictive Text > Off**.
4. To view the contact details, select the contact and click **View** or press ENTER.

### To delete a contact from your Inner Circle

1. On the **Member** screen, press **Menu > Delete**.
2. Select the contacts that you want to delete, and click **Delete**.
3. Click **Yes** on the confirmation screen.

# 5.3 Calendar

Use Calendar to schedule appointments, including meetings and other events. If you use Outlook on your PC, you can synchronize appointments between your phone and PC.

## Creating an appointment

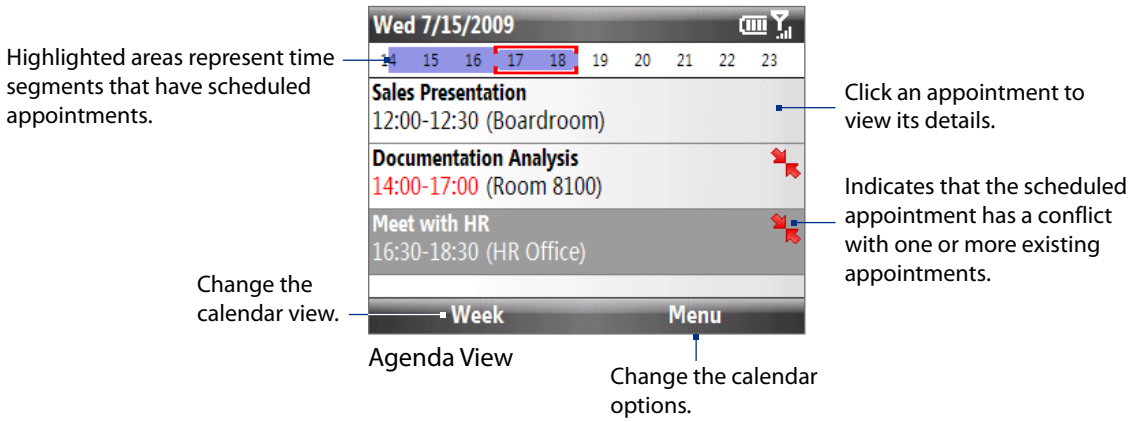
1. On the Home screen, click **Start > All Programs > Calendar**.
2. Click **Menu > New Appointment**.
3. Enter information about the appointment.
   - To schedule an all-day event, in **End time**, select **All day event**.
   - To make the appointment recurring, click **Occurs**.
4. Click **Done**.

**Note** All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.

## Viewing your appointments

You can view your schedule in **Month**, **Week**, or **Agenda** view.

1. On the Home screen, click **Start > All Programs > Calendar**.
2. Click the Left SOFT KEY or click **Menu** and choose the view you want.


Highlighted areas represent time segments that have scheduled appointments.
Wed 7/15/2009
15 16 17 18 19 20 21 22 23
Sales Presentation
12:00-12:30 (Boardroom)
Documentation Analysis
14:00-17:00 (Room 8100)
Meet with HR
16:30-18:30 (HR Office)
Week
Menu
Click an appointment to view its details.
Indicates that the scheduled appointment has a conflict with one or more existing appointments.
Change the calendar view.
Agenda View
Change the calendar options.

## Sending meeting requests and appointments

You can send meeting requests via e-mail to persons that use Outlook or Outlook Mobile.

### To send a meeting request

1. Click **Start > All Programs > Calendar**.
2. Schedule a new appointment (or open an existing appointment) and then scroll down to **Attendees** and click **No Attendees**. Click **Add Required Attendee** or **Add Optional Attendee** to add the contacts you want to send the meeting request to.
3. Choose the contacts you want to send the meeting request to and click **Select**.
4. On the New Appointment screen, click **Done**. The meeting request is sent out.

**Notes**

- You can only specify if an attendee is required or optional if your phone is connected to a Microsoft Exchange 2007 server. Otherwise, all attendees are designated as required. For more information, see Chapter 7.
- To remove an attendee from the list, select the attendee and click **Menu > Remove Attendee**.
- When attendees accept your meeting request, the meeting is automatically added to their schedules. When their response is sent back to you, your calendar is updated as well.

# 5.4 Tasks

Use Tasks to keep track of things you need to do.

### To create a task

1. On the Home screen, click **Start > All Programs > Tasks**.
2. Click **Menu > New Task**.
3. Enter the task information, set the task priority, set a reminder, or put the task in a category.
4. When finished, click **Done**.

**Notes**

- You can synchronize information on your phone with your PC to keep your task list up to date in both locations.
- If you create a new task with a reminder on your PC and then synchronize tasks with your phone, the reminder will play at the time that was set on your PC.

### To search a task

1. On the Home screen, click **Start > All Programs > Tasks**.
2. In the task list, do one of the following:
   - To sort the list, click **Menu > Sort by**, and click a sort option.
   - To filter the list by category, click **Menu > Filter**, and click the category you want displayed.

### To mark a task as completed

1. On the Home screen, click **Start > All Programs > Tasks**.
2. Select the task, and click **Complete**.

# 5.5 Voice Notes

Use Voice Notes to create short voice recordings. Voice notes are included in the All Notes list and are named consecutively (Recording1, Recording2, and so on).

### To create a voice note

1. On the Home screen, click **Start > All Programs > Voice Notes**.
2. Hold the phone's microphone near your mouth, and then click **Record**.
3. Record your voice note, and click **Stop** when finished.

### To delete a voice note

1. On the Home screen, click **Start > All Programs > Voice Notes**.
2. Select the voice note to delete and then click **Menu > Delete**.
3. Click **Yes** when prompted.

### To listen to a voice note

1. On the Home screen, click **Start > All Programs > Voice Notes**.
2. Select the voice note to play, and press ENTER.

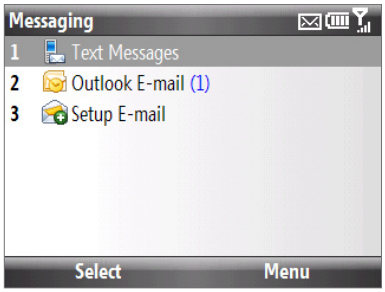
### To use a voice note as a ring tone

1. On the Home screen, click **Start > All Programs > Voice Notes**.
2. Select the voice note, and click **Menu > Set As Ringtone**.

# Chapter 6
## Exchanging Messages

## 6.1 Messaging

**Messaging** is where all of your e-mail and text message accounts are located. To access your message accounts, click **Start** > **All Programs** > **Messaging** and then click the account you want to open.




**Tip** You can also press to quickly access Messaging.

While in a messaging account's main screen (for example, the Text Messages inbox), click **Menu** > **Tools** > **Switch Accounts** to switch to another message account.

### Changing the message account settings

On the Messaging screen, select the messaging account you want to change and click **Menu** > **Settings**. You can also change the messaging account settings while on the message list by clicking **Menu** > **Tools** > **Options**.

### Copying and pasting text

Copy words or lines of text in your messages or e-mail and then paste them on the current or new message.

#### To copy text while composing a message

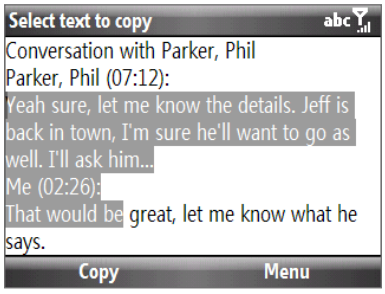
1. While composing a message, position the cursor to the beginning of the text you want to copy.
2. Click **Menu** > **Copy/Paste** > **Select Text**.
3. Scroll left/right with the NAVIGATION CONTROL until you have selected the text you want to copy and then click **Copy**.

   **Tips**
   - Click **Menu** > **Copy/Paste** > **Select All** to select the whole message.
   - Scroll up or down to select lines of text.
4. Position the cursor where you want to paste the text, and then click **Menu** > **Copy/Paste** > **Paste**.

#### To copy text from a received message

1. Open the message.
2. Click **Menu** > **Copy/Paste** > **Select Text**.
3. Use the NAVIGATION CONTROL to position the cursor where you want to start copying and then click **Select**.
4. Scroll left/right with the NAVIGATION CONTROL until you have selected the text you want to copy and then click **Copy**.

   **Tips**
   - Click **Menu** > **Select All** to select the whole message.
   - Scroll up or down to select lines of text.
5. Position the cursor where you want to paste the text, and then click **Menu** > **Copy/Paste** > **Paste**.


Select text to copy
abc
Conversation with Parker, Phil
Parker, Phil (07:12):
Yeah sure, let me know the details. Jeff is back in town, I'm sure he'll want to go as well. I'll ask him...
Me (02:26):
That would be great, let me know what he says.
Copy
Menu

# 6.2 Text Messages

Send short text messages (SMS) to other mobile phones. If your message is more than 160 characters, it will be sent as two or more separate messages and you will be billed accordingly.

## Composing and sending text messages

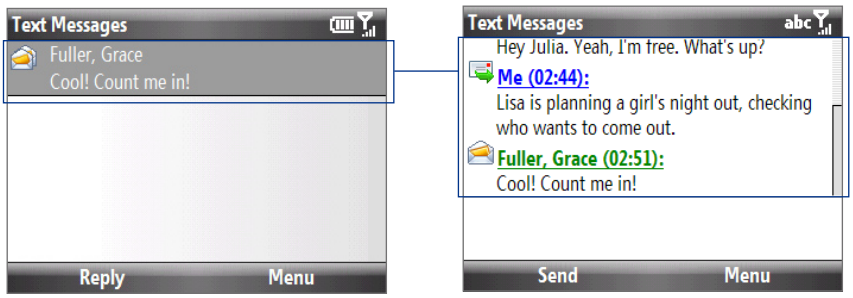
### To compose and send a text message

1. On the Home screen, scroll to the **Messages** panel and then press ENTER.
   **Note** If you have unread messages, you will need to scroll right until you see **New Message** before pressing ENTER.
2. Click **Text message**.
3. Enter the mobile phone number of one or more recipients, separating them with a semicolon (;). You can also click the **To** field or click **Menu > Add Recipient** to access phone numbers in Contacts.
4. Compose your message. You can enter up to 160 characters in one message.
5. When finished, click **Send**.

**Tip** To cancel the text message, click **Menu > Cancel Message**.

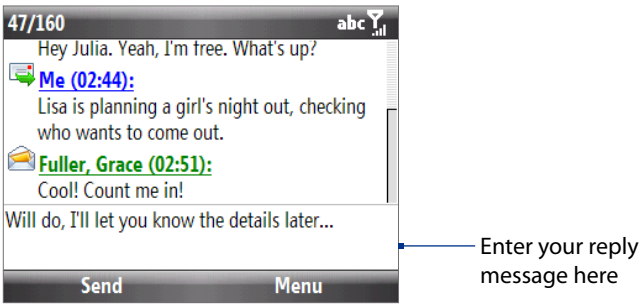
## Managing threaded text messages

Text messages that are sent to and received from a contact (or number) are grouped as a single thread in your inbox. Threaded SMS lets you see exchanged messages (similar to a chat program) with a contact on the screen.




### To reply to a text message

1. In the Text Messages inbox, click a message thread to open it.
2. At the bottom of the screen, enter your reply message and click **Send**.


47/160
abc
Hey Julia. Yeah, I'm free. What's up?
Me (02:44):
Lisa is planning a girl's night out, checking who wants to come out.
Fuller, Grace (02:51):
Cool! Count me in!
Will do, I'll let you know the details later...
Send
Menu
Enter your reply message here

### To delete a message in the thread

1. In the Text Messages inbox, click a message thread to open it.
2. Scroll up or down to select a message in the thread that you want to delete.
3. Click **Menu > Delete**.

### To delete a message thread

1. In the Text Messages inbox, select a message thread.
2. Click **Menu > Delete**.

# 6.3 E-mail

## Setting Up E-mail Accounts

Before you can send and receive e-mail, you need to set up your e-mail account on your phone. You can set up the following types of e-mail accounts on your phone:

- Outlook e-mail that you sync with your computer or the Exchange Server.
- E-mail account that you have from an Internet Service Provider (ISP) or other e-mail provider.
- Web-based e-mail accounts such as Yahoo!® Mail Plus or AOL®.
- Custom domain e-mail accounts. The e-mail domain name is hosted by a different e-mail provider.
- Work account that you access using a VPN connection.

## Synchronizing Outlook e-mail with your computer

If you have installed the synchronization software on your PC and created a partnership with your phone, then your phone is ready to send and receive Outlook e-mail. If you have not yet installed the synchronization software or created a partnership, follow the procedures in Chapter 3.

**Tip** To set up your company e-mail account so that you can access Outlook e-mail messages wirelessly, you must set up your phone to synchronize via an over-the-air connection with your company's Exchange Server. For more information about synchronizing with your company e-mail server, see Chapter 7.

## Setting up an Internet e-mail account

Set up a POP3 or IMAP4 e-mail account on your phone if you have an e-mail account from an Internet service provider (ISP), or a Web-based account such as Yahoo! Mail Plus, etc. You can also add a work account that you access using a VPN server connection as a POP3/IMAP4 account.

1. Click **Start > All Programs > Messaging > Setup E-mail**.
2. Enter the **E-mail address** and **Password** for the e-mail account and select the **Save password** option. Click **Next**.
3. Click **Next**.

   **Note** E-mail Setup searches your phone for preloaded e-mail configuration settings. If the phone cannot find the server settings for the specified e-mail account, your phone needs to connect to the Internet and try to download the settings. If it cannot find the settings online, you need to enter the settings manually.
4. Enter **Your name** and the **Account display name** and then click **Next**.
5. In the **Automatic Send/Receive** list, choose how frequent you want e-mail messages to be automatically sent and downloaded on your phone.

   **Note** Click **Review all download settings** to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."
6. Click **Finish**.

### To specify e-mail server settings

If Auto Setup is unsuccessful, contact your ISP or e-mail provider for the incoming mail server and outgoing mail server settings so you can enter them on your phone. Other options that you can select include the following:

- Select the **Outgoing server requires authentication** check box, if required by your provider.
- If the outgoing e-mail server requires a different user name and password for sending e-mail, clear the **Use the same user name and password for sending e-mail** check box. You will be prompted to enter this information.
- Click **Advanced Server Settings**, then select the **Require SSL** check boxes if your e-mail provider uses an SSL connection for more secured e-mail.

  From the **Network connection** list, select the data connection that you use for connecting to the Internet.

### To customize download and format settings

Before you click **Finish** when setting up your Internet e-mail account, you can click **Review all download settings** to choose download options, message format, and other settings. Click **Advanced Settings** for further options.

| Options | Description |
|---|---|
| **Automatic Send/Receive** | You can select a time interval for connecting to the Internet automatically to send and receive messages. |
| **Download messages** | Set the number of days of messages that you want to be downloaded to your phone. |
| **Send/receive when I click Send** | By default, messages are immediately delivered when you click **Send**. If you prefer to save outgoing messages to the Outbox folder first, clear the check box. (In this case, you will need to manually send messages by clicking **Menu > Send/Receive**). |
| **Use automatic send/receive schedule when roaming** | This allows your phone to data roam when there is a set time interval for connecting to the Internet automatically. Since this may result in higher connection costs, you may want to leave the check box cleared. |
| **When deleting messages** | Choose whether to delete messages from the mail server when you delete them on your phone. |
| **Message format** | Select HTML or Plain Text. |
| **Message download limit** | Select the e-mail download size. If you have large volumes of e-mail, use a lower size or select to download headers only. |
| **Download attachments** | Set your preference when there is an e-mail attachment |

## Setting up a custom domain e-mail

When you are using an e-mail domain name that is hosted by a different e-mail provider (for example, your e-mail address may be Benjamin@startup.com but E-mail.com hosts the e-mail account and provides e-mail services), select the **Custom Domain** option in the E-mail Setup wizard to set up your e-mail account on your phone.

1. Click **Start > All Programs > Messaging > Setup E-mail**.
2. Enter your **E-mail address** and the **Password** for your e-mail account and select the **Save password** option. Click **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** and then click **Next**.
4. In **Your e-mail provider**, select **Custom domain** and then click **Next**.
5. Enter the domain of your e-mail provider and then click **Next**.
6. The E-mail Setup wizard then tries to find the e-mail provider settings on your phone or from the Internet. If the settings are found, it shows a successful message. Click **Next**.
7. Enter **Your name** and the **Account display name** and then click **Next**.

   **Note** If the E-mail Setup wizard was unsuccessful in finding the settings, you will be prompted to enter e-mail server settings on the succeeding screens. See "To specify e-mail server settings" for details.
8. In the **Automatic Send/Receive** list, choose how often you want e-mail messages to be automatically sent and downloaded on your phone.

   **Note** Click **Review all download settings** to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."
9. Click **Finish**.

## Creating and sending e-mail messages

After setting up e-mail accounts on your phone, you can start sending and receiving e-mail messages.

### To compose and send an e-mail

1. Click **Start > All Programs > Messaging** then select an e-mail account.
2. Click **Menu > New**.
3. Enter the e-mail address of one or more recipients, separating them with a semicolon. To access e-mail addresses stored in Contacts, in **To**, click **Menu > Add Recipient** or press ENTER. Select a contact from the list and press ENTER.

4. Enter a subject and compose your message. To quickly add common messages, click **Menu > My Text** and click a desired message.
5. Click **Send**.

**Tips**
- To set the priority, click **Menu > Message Options**.
- If you are working offline, e-mail messages are moved to the Outbox folder and will be sent the next time you connect.

### To add an attachment to an e-mail

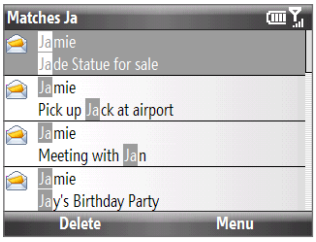
1. In the message that you are composing, click **Menu > Insert** and click the item you want to attach: **Picture**, **Voice Note**, or **File**.
2. Select the file you want to attach, or record a voice note.

## Viewing and replying to e-mail messages

### To filter the Inbox message list

Filter the e-mail messages in your Inbox to only display the e-mail messages that contain the sender or e-mail subject you are searching for. Enter the sender name or e-mail subject you want to look for using the keyboard. As you press keys, the list narrows down to the conditions you set.

For example, pressing "J" then "A" narrows the list to only the e-mail messages that contain sender names and e-mail subjects that start with "JA."




### To download a complete e-mail

By default, each e-mail in the inbox on your phone contains only the first few kilobytes of the message. When you open an e-mail, it displays only the headers and part of the message. You must download the whole e-mail to view the complete content.

To download a complete e-mail message, open the e-mail and then do one of the following:

- Scroll down to the end of the message and click **Get the rest of this message**.
- Click **Menu > Download Message**.

**Note** The Fetch Mail feature, which is available for POP3 and IMAP4 Internet e-mail accounts, downloads an entire e-mail without the need for you to perform a full synchronization. This limits the download to just the e-mail message that you want and helps save data cost. Fetch Mail is also available for Outlook E-mail. See "Instant download through Fetch Mail" in Chapter 7 for details.

### To use shortcuts

When in an e-mail account, press FN and then press and hold 0 SYM to open a shortcut list of often-used commands. Press and hold the shortcut key to execute the command.

### To download an attachment

In an open message with an attachment to download, click the attachment. If there is more than one attachment, click the other attachments to download them. You can directly open the file in the associated program after you download them by clicking the attachment again.

### To reply to or forward an e-mail

1. Open the message and click **Menu > Reply > Reply**, **Reply All**, or **Forward**.
2. Enter your response and click **Send**.

**Notes**
- You can receive and view HTML e-mail messages from any type of e-mail account. The HTML format is retained, without layout shifting or resizing. HTML e-mail support in Outlook Mobile is available only if you are synchronizing your phone with Microsoft Exchange Server 2007.
- When replying using an Outlook e-mail account, you can customize ActiveSync to exclude addresses, including your own, from being added to the recipient list. Click **Menu > Options** in ActiveSync, select the **E-mail** item and then click **Settings**. In the E-mail Sync Options screen, click **Menu > Advanced** and then in the **My e-mail addresses** text box, enter e-mail addresses you want to exclude.

## Synchronizing e-mail messages

Synchronizing e-mail messages ensures that new e-mail messages are downloaded to the phone Inbox folder, e-mail messages in the Outbox folder are sent, and e-mail messages deleted from the server are removed from your phone. The manner in which you synchronize e-mail messages depends on the type of e-mail account you have.

### To automatically synchronize an Outlook e-mail account

1. Connect your phone to your computer through USB or Bluetooth.
   Otherwise, connect through a data connection if you are synchronizing Outlook e-mail with the Exchange Server. For more information, see Chapter 7.
2. Synchronization automatically begins, and your phone sends and receives Outlook e-mail.

### To manually synchronize your Outlook or Internet e-mail account

1. Select your e-mail account.
2. Click **Menu > Send/Receive**.

## Customizing e-mail settings

### To change the download size and format for Outlook e-mail

1. Disconnect your phone from the computer.
2. Click **Start > All Programs > ActiveSync**.
3. Click **Menu > Options**, select **E-mail**, then click **Settings**.
4. On the E-mail Sync Options screen, set the **Download size limit** and **Message format**.
5. Click **Done**.

### To change the download size and format for POP3/IMAP4 e-mail

1. On the POP3/IMAP4 e-mail message list, click **Menu > Tools > Options > Account Settings > Download Size Settings**.
2. Configure the **Message format** and **Message download limit** settings.
3. Click **Done**.

# Chapter 7
## Working with Company E-mail and Meeting Appointments

## 7.1 Synchronizing with Your Company E-mail Server

Synchronize your phone with your company's Microsoft Exchange Server to keep you connected with your e-mail messages, contacts, calendar, and other information.

### Setting up a company e-mail server connection

Use your phone to access your company e-mail messages by setting up an Exchange Server connection. You can get the company e-mail server information from your network administrator:

1. Click **Start > All Programs > ActiveSync**.
2. Click **Menu > Add Server Source**.
3. Enter your **E-mail address**, and select the **Attempt to detect Exchange Server Settings automatically** check box. By selecting the option, the phone attempts to download exchange server settings so that you do not need to enter them manually. Click **Next**.
4. Enter your **User name**, **Password**, and **Domain**. Exchange Server settings and the password are case-sensitive, so be sure to enter uppercase and lowercase letters correctly. Select the **Save password** check box if you want to save your password so that you do not need to enter it again. Click **Next**.
5. Enter the **Server address** and then click **Next**.

   **Note** If SSL authentication is required, select the **This server requires an encrypted (SSL) connection** check box.
6. Select the check boxes of the items that you want to sync with the Exchange Server.

   **Tips**
   - To change synchronization settings of an information item, for example, E-mail, select the check box, and then click **Menu > Settings**.
   - If you synchronized e-mail with your computer before, you will not be able to select the E-mail item. You need to cancel the E-mail Setup Wizard first, click **Start > All Programs > ActiveSync > Menu > Options**, and then clear the E-mail check box under the Windows PC group of items.
   - To change the rules for resolving synchronization conflicts, click **Menu > Advanced**.
7. Click **Finish**.

### Starting synchronization

Before you start synchronizing with the Exchange Server, make sure your phone has been set up with a data connection to the Internet so that you can synchronize wirelessly. See Chapter 8 for details.

After you finish setting up an Exchange Server connection, your phone automatically starts synchronization. You can manually start synchronization anytime by clicking **Sync** in ActiveSync.

**Note** If you connect your phone to your office computer via a USB or Bluetooth connection, you can use this connection to the PC to "pass through" to the network and download Outlook e-mail messages and other information to your phone.

# 7.2 Working with Company E-mails

Your phone gives you instant access to your company e-mail messages and lets you manage your messages easier. Messaging features such as Direct Push, Fetch Mail, and Filtering messages are just some of the tools you can use to manage your e-mail messages.

**Note** Some messaging features depend on the Microsoft Exchange Server version used. Check with your network administrator for the availability of Exchange Server features.

## Automatic synchronization through Direct Push

Direct Push technology (push e-mail feature) enables you to receive new e-mail messages on your phone as soon as they arrive in your Inbox on the Exchange Server. With this feature, items such as contacts, calendar and tasks are also immediately updated onto your phone when these items have been changed or new entries have been added on the Exchange Server. To make Direct Push work, you need to have a data connection on your phone. You need to perform a full synchronization between your phone and the Exchange Server first before Direct Push can be enabled.

**Requirement** The Direct Push feature works for your phone only if your company is using **Microsoft Exchange Server 2003 Service Pack 2 (SP2) with Exchange ActiveSync** or higher version.

### To enable Direct Push via Comm Manager

1. Click **Start > All Programs > Comm Manager**.
2. On the Comm Manager screen, click the **Microsoft Direct Push** option.

   
   indicates that you will receive e-mail messages as they arrive.

   
   indicates that you need to manually retrieve your e-mail messages.

## Scheduled synchronization

If you do not want to use Direct Push, you can set a regular schedule for synchronizing Outlook e-mail and information.

1. In ActiveSync on your phone, click **Menu > Schedule**.
2. Select a shorter time interval in the **Peak times** box for you to be able to receive e-mail messages more frequently.
3. Select a longer interval in the **Off-peak times** box.

**Tip** Click **Menu > Peak Times** to set the peak and off-peak times.

## Instant download through Fetch Mail

Fetch Mail downloads an entire e-mail immediately without the need for you to perform a full Send/Receive action.

**Requirement** Fetch Mail works for your phone only if your company is using **Microsoft Exchange Server 2007** or higher.

1. Click **Start > All Programs > Messaging > Outlook E-mail**.
2. Click an e-mail message to open it.
3. By default, only the first few kilobytes of the message is shown. To download the whole e-mail, scroll to the bottom of the message then click **Get the rest of this message**.
4. A downloading status message appears. Wait for the remainder of the message body to be downloaded.

**Notes**

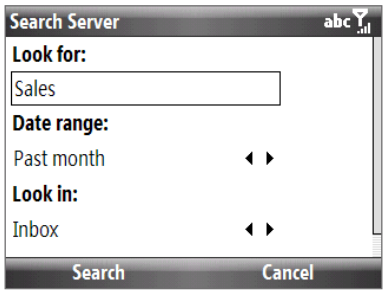
- For information about changing e-mail sync options such as setting the download size for e-mail, see "Customizing e-mail settings" in Chapter 6.
- When you receive an e-mail that contains a link to a document such as a PDF or Microsoft Office document located on SharePoint or an internal file server, you can click the link to view the document on your phone. You can view the document only if you have a Microsoft Outlook account that synchronizes with Microsoft Exchange Server 2007 or later. Exchange Server must also be set up to allow access to SharePoint document libraries or internal file servers.

## Searching for e-mail messages on the Exchange Server

You can access messages that are not available on your phone by searching your Microsoft Exchange Server mailbox. The search results will be downloaded and displayed in a Search Results folder.

**Requirement** Your company must be using Microsoft Exchange Server 2007 or higher.

1. Click **Start > All Programs > Messaging > Outlook E-mail**.
2. Click **Menu > Tools > Search Server**.
3. In the **Look for** text box, enter the search keyword.
4. Choose the **Date range** of messages to search from and where to search in **Look in**.
5. Click **Search**.




## Out-of-office auto-reply

Outlook Mobile allows you to retrieve and change your out-of-office status. Just like desktop Outlook E-mail, Outlook Mobile automatically sends an auto-reply message when you're not available.

**Requirement** Your company must be using Microsoft Exchange Server 2007 or higher.

### To send out-of-office auto-reply messages

1. Click **Start > All Programs > Messaging > Outlook E-mail**.
2. Click **Menu > Tools > Out of Office**.
3. From the **I am currently** list, select **Out of the Office**.
4. Enter your auto-reply message then click **Done**.

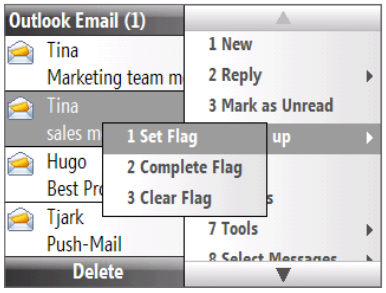
## Flagging your messages

Flags serve as a reminder to yourself to follow-up on important issues or requests that are indicated in the messages.

**Requirement** Flags are enabled only if e-mail messages are synchronized with Microsoft Exchange Server 2007 or higher. Flags are disabled or hidden if e-mail messages are synchronized with earlier versions of Microsoft Exchange Server.

### To flag or unflag a message

1. Click **Start > All Programs > Messaging > Outlook E-mail**.
2. Select a message, or open a message.
3. Click **Menu > Follow Up** and select one of the following options:
   - **Set Flag**. Mark the message with a red flag to indicate that it needs follow up.
   - **Complete Flag**. Mark the message with a check mark to indicate that the issue or request in the e-mail is already completed.
   - **Clear Flag**. Remove the flag to unmark the message.




**Note** E-mail message reminders are displayed on your phone if the messages are flagged with reminders and synchronized from the Exchange Server.

# 7.3 Managing Meeting Requests

When you schedule and send meeting requests from your phone, you can invite attendees to your meeting and check their status to know their availability.

When you receive a meeting request, you can reply by accepting or declining the request. The meeting request also clearly indicates whether or not there are conflicting or adjacent meetings.

**Requirement** Your company must be using Microsoft Exchange Server 2007 or higher.

## To view the list of meeting participants

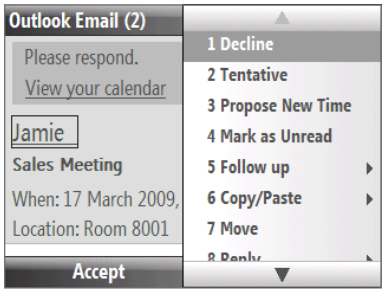
1. Click **Start > All Programs > Calendar**.
2. Click a meeting request that you sent and then click **Attendees**. The required and optional attendees will be listed. Icons indicating whether each attendee has accepted or declined the meeting request will also be displayed.

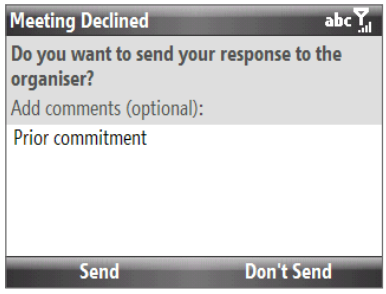
**Note** To see the icon indicators in the attendees list, make sure Calendar is synchronized with the Exchange Server.

## To reply to a meeting request

1. When there's an incoming e-mail with a meeting request, a notification message will be displayed on your phone's Home screen. Scroll to the **E-mail** panel and click it.
2. In the Outlook message list, click the e-mail to open it.
3. Click **Accept** to reply and accept the meeting request, or click **Menu > Decline** if you cannot attend the meeting.

   **Tips**
   - Before responding, you can check your availability during the time of the requested meeting by clicking **View your calendar**.
   - If the time of the meeting conflicts with your other appointments, a "Scheduling Conflict" status appears on top of the e-mail.
4. Choose whether or not to edit the response e-mail before sending and then click **Done**:



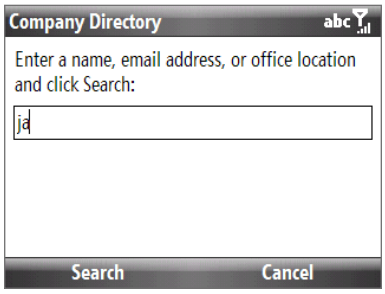

5. If you accepted the meeting request, it will automatically be added as an appointment in Calendar on your phone.

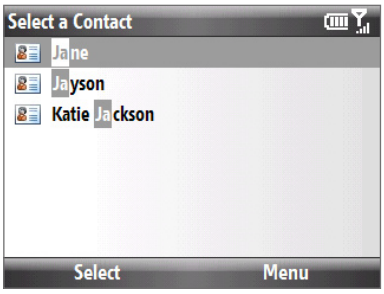
# 7.4 Finding Contacts in the Company Directory

In addition to having contacts on your phone, you can access contact information from your organization's Company Directory.

**Requirement** Access to the Company Directory is available only if your organization is running **Microsoft Exchange Server 2003 SP2** or higher, and you have completed your first synchronization with the Exchange Server.

1. Synchronize with Exchange Server if you have never done so.
2. Do any of the following:
   - In Contacts, click **Menu > Company Directory**.
   - In a new e-mail, click the **To** box and then click **Company Directory at the top of the list** or click **Menu > Company Directory**.
   - In a new meeting request using Calendar, scroll to **Attendees** and click **No attendees > Add Required Attendee** or **Add Optional Attendee** and then click **Company Directory** at the top of the list.
3. Enter the part or full contact name and click **Search**. In the search results list, click a contact to select it.




**Notes**
- You can save a contact from the Company Directory to your phone by selecting the contact and then clicking **Menu > Save to Contacts**.
- You can search on the following information as long as that information is included in your organization's Company Directory: First name, Last name, E-mail name, Display name, E-mail address, or Office location.

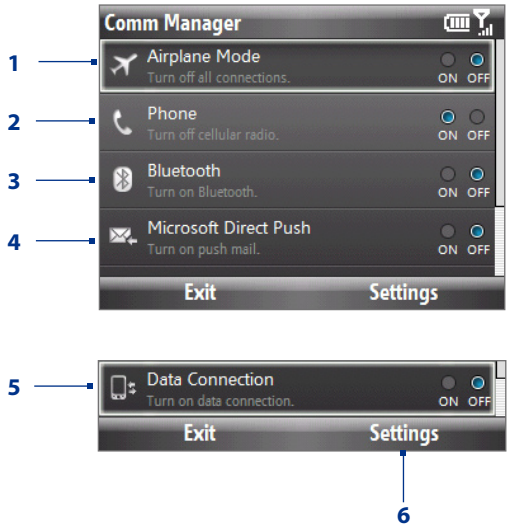
# Chapter 8
## Getting Connected

## 8.1 Comm Manager

Comm Manager acts like a central switch that lets you enable or disable phone features as well as manage your device connections easily.

### To open Comm Manager:

Click **Start** > **All Programs** > **Comm Manager**.




1. Turn Airplane mode on or off. Turning on Airplane mode turns off the phone, and wireless functions, including Bluetooth and your data connection.
2. Enable or disable the phone.
3. Enable or disable Bluetooth. See "Bluetooth" for details.
4. Toggle between automatically receiving (as items arrive) or manually retrieving Outlook emails. See Chapter 7 for details.
5. Enable or disable data connection.
6. Access the phone, Bluetooth, and profiles.

# 8.2 Ways of Connecting to the Internet

Your phone's networking capabilities allow you to access the Internet or your corporate network at work through data connection or dial-up. You can also add and set up a VPN or proxy connection.

## Wireless data connection

To connect to the Internet, you can use your phone's 1xRTT/EVDO connection.

### To automatically start the data connection

The data connection is automatically started when you begin using a program that accesses the Internet such as Internet Explorer.

### To manually start or disconnect the data connection

1. Click **Start** > **All Programs** > **Comm Manager**.
2. Select **Data Connection**.

   The button indicates that the data connection is turned on.

   The button indicates that the data connection is turned off.

## Dial-up

When you use your phone to dial up to your ISP and connect to the Internet or to your corporate network, you will be billed by the number of minutes that you use.

### To set up a dial-up connection

1. On the Home screen, click **Start** > **All Programs** > **Settings** > **Connections** > **Dial-up** > **New**.
2. In **Description**, enter a name for the connection.
3. In **Connects to**, do either of the following:
   - Select **The Internet** if you are using the connection to access the Internet**.**
   - Select **Work** if you are using the connection to access your corporate network**.**
4. Enter the appropriate information in the remaining fields, and then click **Done**.

### To adjust advanced connection settings

Access advanced options to specify the service provider, the number of redial attempts, the amount of idle time to wait before disconnecting, and more.

1. On the Home screen, click **Start** > **All Programs** > **Settings** > **Connections** > **Menu** > **Advanced**.
2. Select a network service provider for each connection type. You can choose **Automatic** to allow the phone to set a service provider for each connection by default.
3. Click **Menu** > **Options**.
4. Choose the appropriate information in the remaining fields, and then click **Done**.

# 8.3 Internet Explorer Mobile

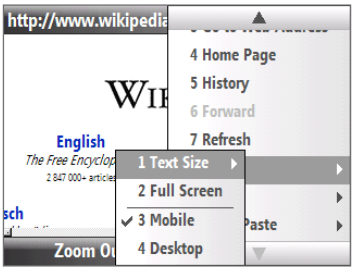
Internet Explorer Mobile is a full-featured Internet browser, optimized for use on your phone.

## Browsing the Web

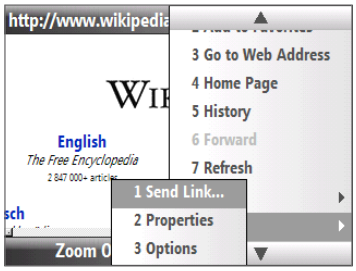
1. On the Home screen, click **Start** > **All Programs** > **Internet Explorer**.
2. In Internet Explorer, click **Menu** > **Go to Web Address**.
3. Enter the address and click **Go**.
4. Use the NAVIGATION CONTROL to browse the Web page. Press ENTER when a link is highlighted to access it.

While browsing the Web, click **Menu** to open a list of options that will let you change the view, save Favorites, and set Internet Explorer Mobile preferences, and more.

Click **Menu** > **Add to Favorites** to save the current Web page in your Favorites folder. Click **Favorites** to access your Favorites folder.




Click **Menu** > **View** and then select the text size and type of view you want to use while browsing a Web page.

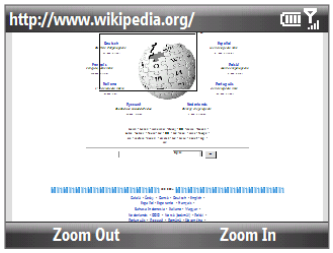



Click **Menu** > **Tools** and choose to send the link via e-mail, view the page's properties, or set Internet Explorer Mobile preferences.

## Navigating web pages

Navigating large-sized web pages is easy by using the zooming feature.

1. Go to the web page that you want to view.
2. Click **Zoom Out**.
3. Use the NAVIGATION CONTROL to move the box to the area of the web page you want to view.
4. Click **Zoom In** or press ENTER to view the selected area using the selected zoom level.




## Copying web page text

Copy text from a web page and then paste it on a text message or e-mail.

### To copy text on a web page

1. On the web page, click **Menu** > **Copy/Paste** > **Make Selection**.
2. Use the NAVIGATION CONTROL to position the cursor where you want to start copying and then click **Select**.
3. Scroll right/left until you have selected the text you want to copy and then click **Copy**.

**Tip** Scroll up or down to select the whole line of text.

## Adding a URL exception

Some URLs for Web pages on your company intranet may use periods, for example: intranet.companyname.com. To view these pages in Internet Explorer Mobile, you must create a URL exception.

1. On the Home screen, click **Start** > **All Programs** > **Settings** > **Connections** > **Menu** > **Advanced**.
2. Click **Menu** > **Work URL Exceptions** > **Menu** > **Add**.
3. In **URL Pattern**, enter the URL name. To add multiple URLs, use a semicolon (;).
4. Click **Done**.

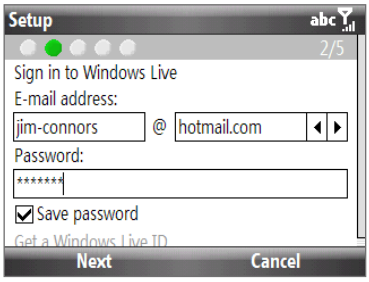
**Note** You do not need to create URL exceptions for Internet URLs.

# 8.4 Using Windows Live

**Windows Live™** helps you quickly find information using Windows Live™ Search, access and synchronize your Windows Live™ Mail messages and contacts, and send instant messages using Windows Live™ Messenger.

### To set up Windows Live for the first time

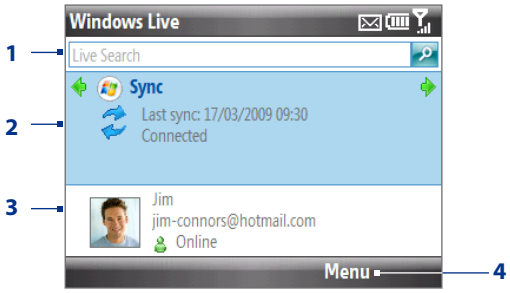
1. Click **Start > All Programs > Windows Live**.
2. Click **Sign in to Windows Live**.
3. On the next screen, click the links to read the Windows Live Term of Use and the Microsoft Privacy Statement. After reviewing it, click **Accept**.
4. Enter your Windows Live Mail or Hotmail address and password, and then click **Next**.
5. On the next screen click **Next**.
6. Choose whether or not to show Windows Live's services on the Home screen and then click **Next**.




7. Choose what information you want to synchronize online with your phone.
8. If you select **Store Windows Live contacts in your mobile phone's contact list**, your online contacts will be added to the contact list and to Windows Live Messenger Mobile on your phone.
9. If you select **Sync e-mail**, your Windows Live Mail or Hotmail inbox messages will be downloaded to your phone.
10. Click **Next**.
11. After synchronization is complete, click **Done**.

## The Windows Live screen

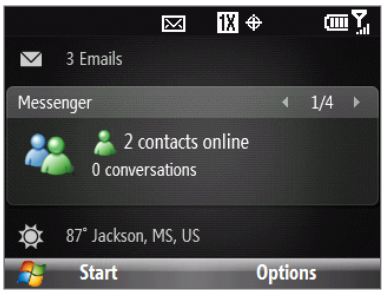
On the main interface of Windows Live, you will see a search bar, navigation bar, and an area where you can customize to show your picture.




1. Windows Live Search bar.
2. Scroll left or right to switch among Hotmail/Live Mail, Messenger, and Sync status. Click to open/activate the selected Windows Live component.
3. Click to access Windows Live Messenger settings.
4. Click to access and change settings.

If you chose to display Windows Live services on the Home screen, you will see the selected Windows Live panel on the Home screen.

To show or hide Windows Live on the Home screen, click **Options > Home screen options** on the Windows Live panel on the Home screen.

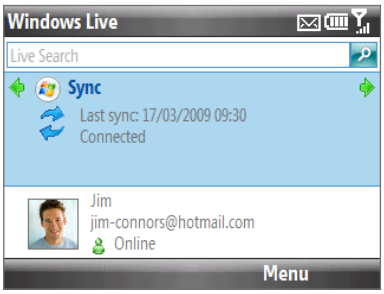


## Using Windows Live™ Messenger

With this mobile version of **Windows Live™ Messenger**, you can send and receive instant messages.

### To sign in to Windows Live™ Messenger and start a conversation

1. Do any of the following:
   - On the Home screen, click **Start > All Programs > Messenger**.
   - Click the Windows Live Messenger panel of the Home screen, scroll left or right until you see **Messenger**, and then press ENTER.
2. Click **Sign in**. Signing in may take several minutes, depending on your connection speed.
3. In the contact list, select an online contact, and then click **Send IM** to open the message screen.
4. On the message screen, enter your message in the text field, and then press ENTER to send the message. You can also do any of the following on the message screen:
   - To add an emoticon, click **Menu > Add emoticon**, and then click an emoticon on the screen. The emoticon is attached to your message.
   - To send a file, click **Menu > Send**, select the type of file (picture, voice clip, or any file), and then locate the file you want to send.
   - To invite one or more contacts to the conversation, click **Menu > Options > Add participant**.
   - To send a voice message, click **Voice clip** on the message screen, then start talking. When you have finished recording, click **Send**.




5. To end the conversation with the current contact, click **Menu > End conversation**.
6. To sign out, click **Menu > Sign Out**.

### To add a Windows Live™ contact

You can add new Windows Live™ contacts in Windows Live™ Messenger.

1. On the Messenger screen, click **Menu > Add new contact**.
2. Enter the e-mail address of the contact, and then click **OK**.

### To delete a contact

1. In Messenger, select the contact and click **Menu > Contact options > Remove contact**.
2. Choose whether to block the contact and/or to delete the contact from your phone's contact list.
3. Click **OK**.

# 8.5 Using Your Phone As a Modem (Internet Sharing)

Have you ever been in a situation where you couldn't connect your notebook to the Internet because there isn't an available LAN or Wi-Fi connection? **Internet Sharing** connects your notebook computer to the Internet by using your phone's wireless data connection. You can choose to connect via USB or Bluetooth.

## Before you proceed

- Make sure your phone has a data or dial-up modem connection. For more information about setting up these connections, see "Wireless data connection" and "Dial-up" in this chapter.
- To connect your device to a computer via USB, you must first install Windows Mobile Device Center or Microsoft ActiveSync version 4.5 or later on the computer.
- To use a Bluetooth connection, make sure your computer has built-in Bluetooth capability. If your computer does not have Bluetooth, you can connect and use a Bluetooth dongle.
- Additional data package may be required for modem use due to the additional data usage. Contact your carrier for information before using your phone as a modem.

# Setting up your phone as a USB modem in Windows Vista® or Windows XP

## To activate your phone as a USB modem

Connect your phone to your notebook using the USB cable, then follow the steps below to activate your phone as a USB modem.

1. On your phone, click **Start > All Programs > Internet Sharing**.
2. Under **PC Connection**, select **USB**.
3. In the **Network Connection** list, select the name of the connection that your device uses to connect to the Internet.
4. Click **Connect**, and then you have to create a modem dial-up connection on your computer to complete the connection.

   **Note** The procedure for creating a modem dial-up connection are different for Windows Vista™ and Windows XP.

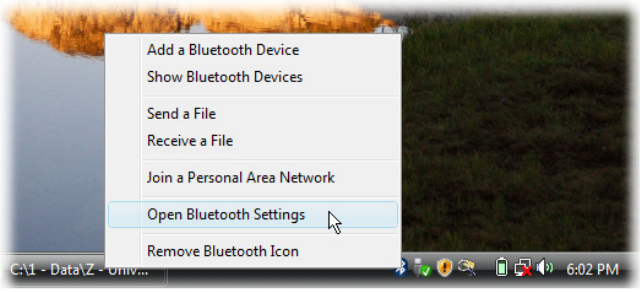
# Setting up your phone as a Bluetooth modem in Windows Vista®

You can connect your phone to a notebook or desktop computer through Bluetooth and use the phone as a modem for the computer. To connect your phone to the computer through Bluetooth, your computer must be Bluetooth enabled or you must have a USB Bluetooth dongle.

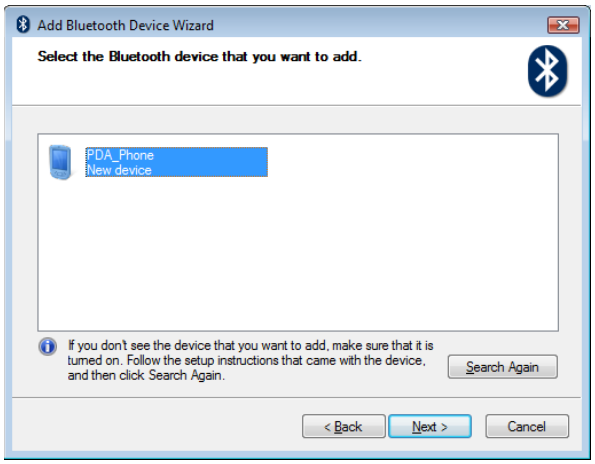
## To set up a Bluetooth connection between your phone and Windows Vista™ computer

1. On your phone, turn on Bluetooth and set it to visible mode.
2. Connect a Bluetooth radio adapter on your computer. (Refer to the manufacturer's documentation for details on how to install).

   After a Bluetooth radio adapter is installed on your computer, the Control Panel and System Tray will have the **Bluetooth Devices** icon. Right-click this icon then click **Open Bluetooth Settings**.




3. In the Bluetooth Devices window, click **Add**.
4. The Add Bluetooth Device Wizard opens. Select the **My device is set up and ready to be found** check box then click **Next**.
5. The wizard then detects your device and displays its name in the dialog box. Select the phone name then click **Next**.

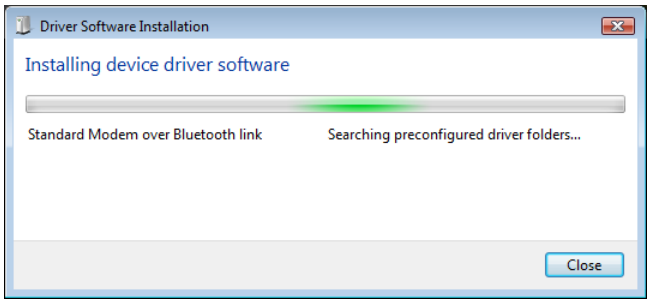

Add Bluetooth Device Wizard
Select the Bluetooth device that you want to add.
PDA_Phone
New device
If you don't see the device that you want to add, make sure that it is turned on. Follow the setup instructions that came with the device, and then click Search Again.
Search Again
< Back
Next >
Cancel

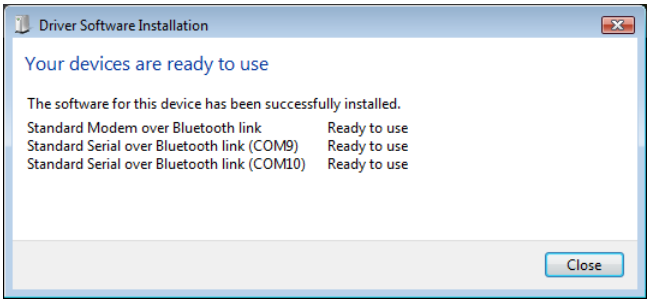
6. Select **Let me choose my own passkey** then enter a passcode (1 up to 16 digits) that will serve as an identification number for establishing a secure connection between your phone and the computer. Click **Next**.

7. A confirmation message then appears on your phone. Click **Yes** to accept the connection, enter the same passcode, then click **Next**.
8. On the computer, click **Finish** to exit the wizard.
9. On your phone click **Done**.

### To add your phone as a Bluetooth modem to your Windows Vista™ computer

After you have finished creating a Bluetooth connection between your phone and computer, Windows Vista™ automatically detects your device and then installs it to your computer as a Bluetooth modem.





Driver Software Installation
Your devices are ready to use
The software for this device has been successfully installed.
Standard Modem over Bluetooth link Ready to use
Standard Serial over Bluetooth link (COM9) Ready to use
Standard Serial over Bluetooth link (COM10) Ready to use
Close

## Setting up your phone as a Bluetooth modem in Windows XP

You can connect your phone to a notebook or desktop computer through Bluetooth and use the phone as a modem for the computer. To connect your phone to the computer through Bluetooth, your computer must be Bluetooth enabled or you must have a USB Bluetooth dongle.

### To set up a Bluetooth connection between the phone and the Windows XP computer

1. Set Bluetooth on your phone to visible mode. For information about this, see "To turn Bluetooth on and make your phone visible"
2. Enable Bluetooth on your computer.
   (Refer to the manufacturer's documentation for details on how to enable Bluetooth for your computer.) After Bluetooth is enabled on your computer, the **Bluetooth Devices** icon appears in the Control Panel and System Tray.
3. Next, create a Bluetooth partnership between your phone and computer. See "To create a Bluetooth partnership."

### To activate your phone as a Bluetooth modem

1. Click **Start > All Programs > Internet Sharing**.
2. Select **Bluetooth** as the connection type.
3. On your notebook, disable ActiveSync by clicking **File > Connection Settings** and then clearing the **Allow connections to one of the following** check box.
4. Click **Connect** on the Internet Sharing screen on your phone.

After successfully connecting your phone to the computer via Bluetooth, the next thing to do is to add your phone as a Bluetooth modem to your computer.

### To add your phone as a Bluetooth modem to your Windows XP computer

1. On the computer, click **Start > Control Panel > Phone and Modem Options**.
2. Click the **Modems** tab. Check if there is a Bluetooth modem, "Generic Bluetooth Modem" or "StandardModem over Bluetooth Link" listed. If there is, skip to step 8.
3. If there is no Bluetooth modem listed in the Modems tab, click **Add**.
4. In **Add Hardware Wizard**, click **Next**.
5. In the **Select Bluetooth Device** screen, select the phone name and then click **OK**.
6. In the **Modems** tab, select the Bluetooth modem listed and then click **Properties**.
7. Click the **Advanced** tab, then in the **Extra initialization commands** text box, enter:

   AT+CGDCONT=1,"IP","APN"

   where APN is the access point name provided by your cellular provider to give you access to the Internet. Then click **OK**.
8. Click **OK** to exit the Phone and Modem Options.

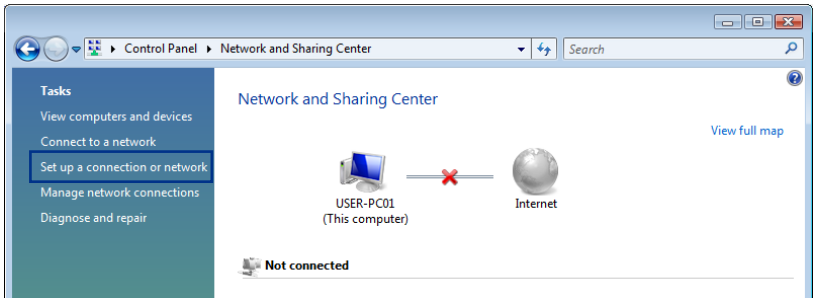
Your phone is now set up as a Bluetooth modem.

## Creating a modem dial-up connection

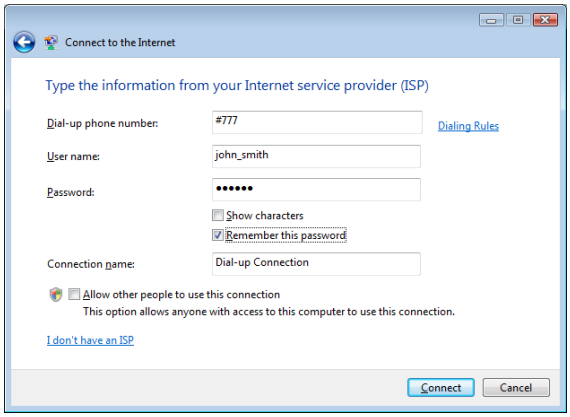
Once the notebook recognizes your device as a modem, create a new modem dial-up connection on your notebook. You can then use this connection to dial up and connect to the Internet. The procedures are different for Windows Vista™ and Windows XP.

### To set up a modem dial-up connection in Windows Vista™

1. On your notebook, click **Start > Control Panel**.
2. Double-click **Network and Sharing Center**.
3. On the left-hand panel of the Network and Sharing Center, click **Set up a connection or network**.

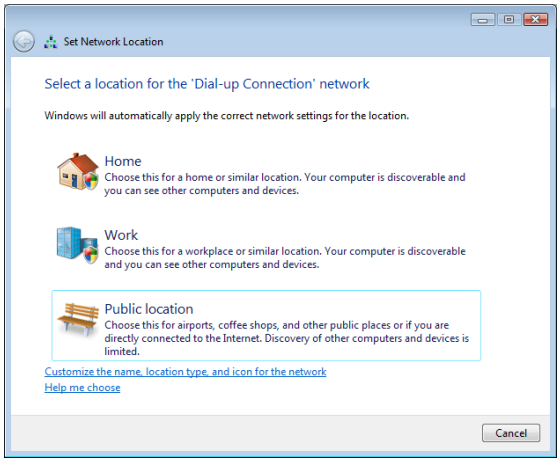



4. Click **Set up a dial-up connection** then click **Next**.
5. Enter the following information: dial-up phone number (**#777**), your user name and password. Also select the **Remember this password** check box.



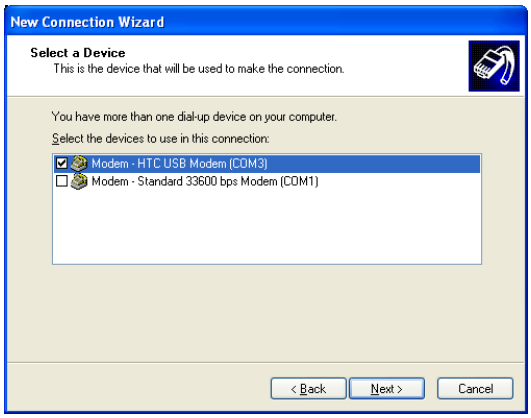

6. When you have finished entering the information, click **Connect**. Your notebook then starts to dial up to the Internet using your phone as a modem.

7. When you see a dialog box that shows you are connected to the Internet, click **Close**.
8. In the Set Network Location dialog box, choose the type of location where you will use the dial-up connection.

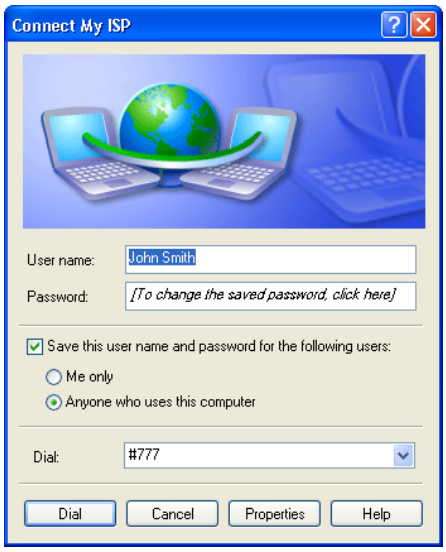

Set Network Location
Select a location for the 'Dial-up Connection' network
Windows will automatically apply the correct network settings for the location.
Home
Choose this for a home or similar location. Your computer is discoverable and you can see other computers and devices.
Work
Choose this for a workplace or similar location. Your computer is discoverable and you can see other computers and devices.
Public location
Choose this for airports, coffee shops, and other public places or if you are directly connected to the Internet. Discovery of other computers and devices is limited.
Customize the name, location type, and icon for the network
Help me choose
Cancel

## To set up a dial-up connection in Windows XP

1. On your computer, click **Start > Settings > Control Panel**.
2. Double-click **Network Connections**.
3. Click **File > New Connection**.
4. In the **New Connection Wizard**, click **Next**.
5. Click **Connect to the Internet** then click **Next**.
6. Select **Set up my connection manually** then click **Next**.
7. Select **Connect using a dial-up modem** then click **Next**.
8. Select the USB modem that you previously installed, then click **Next**.


New Connection Wizard
Select a Device
This is the device that will be used to make the connection.
You have more than one dial-up device on your computer.
Select the devices to use in this connection:
Modem - HTC USB Modem (COM3)
Modem - Standard 33600 bps Modem (COM1)
< Back
Next >
Cancel

9. Enter a descriptive name for this connection, then click **Next**.
10. Enter **#777** as the dial-up phone number then click **Next**.
11. Click **Next**.
12. Under **Internet Account Information**, enter your user name and password then click **Next**.
13. Click **Finish** to exit the wizard.
14. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.




## Dial up and connect to the Internet

Whenever you want to dial up to the Internet on your notebook using your phone as a modem, do the following steps to connect to the Internet.

1. If Internet Sharing has not yet been activated on your phone, select the type of connection (USB or Bluetooth) then click **Connect**.
   - On a Windows Vista™ notebook, click **Start > Connect to**, select the name of the dial-up connection, then click **Connect**.
   - On a Windows XP notebook, click **Start > Settings > Control Panel**, double-click **Network Connections**, then double-click the modem connection.
2. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.

### To end the modem session

On the Internet Sharing screen, click **Disconnect**.

# 8.6 Bluetooth

Bluetooth is a short-range wireless communications technology. Phones with Bluetooth capabilities can exchange information within a distance of about 10 meters without requiring a physical connection.

Bluetooth on your phone operates in three different modes:

- **On**. Bluetooth is turned on. Your phone can detect other Bluetooth-enabled devices, but not vice versa.
- **Off**. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.
- **Visible**. Bluetooth is turned on, and all other Bluetooth-enabled devices within range can detect your phone.

**Note** By default, Bluetooth is turned off. If you turn it on, and then turn off your phone, Bluetooth also turns off. When you turn on your phone again, Bluetooth automatically turns on.

### To turn Bluetooth on and make your phone visible

1. On the Home screen, click **Start > All Programs > Settings > Connections > Bluetooth**.
2. Click **Bluetooth > Menu > Turn On Bluetooth**.
3. Click **Menu > Turn On Visibility**.

**Note** To turn off Bluetooth capabilities on your phone, click **Bluetooth > Menu > Turn Off Bluetooth**.

**Tip** Enter a Bluetooth phone name for your phone. This will be the phone name that will be shown on another Bluetooth-enabled device when it searches and detects your phone. To enter a name, on the Bluetooth screen, click Security and enter a Device name.

# Bluetooth partnerships

A Bluetooth partnership is a relationship that you create between your phone and another Bluetooth-enabled device in order to exchange information in a secure manner.

### To create a Bluetooth partnership

1. On the Home screen, click **Start > All Programs > Comm Manager > Settings > Bluetooth**.
2. Click **Bluetooth > Add new device**. Your phone searches for other Bluetooth-enabled devices and lists them.
3. Select the desired device name in the list and click **Next**.
4. Enter a passcode (1 up to 16 characters) to establish a secure connection, then click **Next**.
5. Wait for the paired device to accept the partnership. The receiving party needs to enter the same passcode that you specified.
6. After the receiving party enters the passcode, a message box appears on your phone confirming the partnership.

   **Note** Click **Advanced** to change the paired device name and to set the services you want to use for the paired device.
7. Click **Done**.

**Note** Creating a Bluetooth partnership between two devices is a one-time process. Once a partnership is created, the devices can recognize the partnership and exchange information without entering a passcode again.

### To accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.
2. Click **Yes** when prompted to establish a partnership with the other device.
3. Enter a passcode (the same passcode that is entered on the device requesting the partnership) to establish a secure connection and click **Next**.

   **Note** Click **Advanced** to change the paired device name and to set the services you want to use for the paired device.
4. Click **Done**.

### To change the display name of a Bluetooth device

1. On the Home screen, click **Start > All Programs > Comm Manager > Settings > Bluetooth**.
2. Click **Bluetooth** and then on the screen, select a Bluetooth device.
3. Click **Menu > Edit**.
4. Enter a new display name for the Bluetooth device, then click **Next**.
5. Click **Done**.

### To delete a Bluetooth partnership

1. On the Home screen, click **Start > All Programs > Comm Manager > Settings > Bluetooth**.
2. Click **Bluetooth** and then on the screen, select a Bluetooth device.
3. Click **Menu > Delete**, and then click **Yes** in the confirmation screen.
4. Click **Done**.

# Connecting a Bluetooth hands-free or stereo headset

For hands-free phone conversations or to listen to music, you can use a Bluetooth hands-free or stereo headset.

**Note** You need a Bluetooth stereo headset to listen to music.

### To connect a Bluetooth hands-free or stereo headset

1. Make sure that both your phone and the Bluetooth headset are turned on and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset in visible mode.
2. Click **Start > All Programs > Comm Manager > Settings > Bluetooth**.
3. Click **Bluetooth > Add new device**.

4. Select the name of the Bluetooth headset, then click **Next**. The phone will automatically pair with the Bluetooth headset.

Windows Mobile will automatically try one of the preconfigured passcodes (0000, 1111, 8888, 1234) to pair the Bluetooth headset with the phone. If this fails, you have to enter the passcode delivered with your headset manually.

**Note** If the Bluetooth stereo headset becomes disconnected, turn the headset on and repeat steps 1 to 3 above. Select the stereo headset and click **Menu > Set as Wireless Stereo**.

## Beaming information using Bluetooth

You can beam information, such as contacts, calendar items, and tasks, as well as files from your phone to your computer or to another Bluetooth-enabled device.

**Notes**
- If your computer does not have built-in Bluetooth capabilities, you need to connect and use a Bluetooth adapter or dongle on your computer.
- Before beaming items to your computer, open Bluetooth Configuration or Bluetooth Settings in the Control Panel and check if there's an option for setting a location for saving beamed items.

### To beam information from your phone to a computer

1. Set Bluetooth on your phone to visible mode. For information about this, see "To turn Bluetooth on and make your phone visible".
2. Next, create a Bluetooth partnership, then enable your computer to receive Bluetooth beams.

   If your computer has Windows Vista or Windows XP SP2 and your computer's Bluetooth adapter is supported by your Windows version, do the following steps:

   a. On your computer, open **Bluetooth Devices** from the Control Panel then click the **Options** tab.
      - For **Windows Vista**, select **Allow Bluetooth devices to find this computer**; or
      - For **Windows XP**, select **Turn discovery on** and **Allow Bluetooth devices to connect to this computer**.

   b. Create a Bluetooth partnership between your phone and computer. For information about creating a partnership, see "Bluetooth partnerships".

   c. In the **Options** tab of **Bluetooth Devices**, select **Show the Bluetooth icon in the notification area**.

   d. To enable your computer to receive Bluetooth beams, right-click the Bluetooth icon at the bottom-right of your computer screen and select **Receive a File**.
3. Now you are ready to beam. On your phone, select an item to beam. The item can be an appointment in your calendar, a task, a contact card, or a file.
   - Calendar appointment: Open and click **Menu > Beam Appointment**.
   - Task: Click **Menu > Beam Task**.
   - Contact: Click **Menu > Send Contact > Beam**.
   - File: Click **Menu > Beam**.
4. Select the device name to which you want to beam to.
5. Click **Beam**.

To beam information to a Bluetooth-enabled device such as another phone, create a Bluetooth partnership then do steps 3 to 5 in the above procedure.

**Tips**
- If you beamed a calendar, task, or contact item to your computer and it is not automatically added to Outlook, click **File > Import and Export** to import it to Microsoft Outlook on your computer.
- The default folder on your computer where beamed items are stored may be
  Windows XP: C:\Documents and Settings\your_username\My Documents
  Windows Vista: C:\users\your_username\My Documents.

# 8.7 RSS Hub

RSS Hub is an RSS reader that keeps you up-to-date with the latest news from the Internet. It monitors Internet news channels and downloads the most current news updates and podcasts so you are instantly informed of breaking news and events.

For more information and tips on using RSS Hub, see Help on your phone.

**Note** Make sure you have an active Internet connection (such as a data connection) before using RSS Hub.

## Subscribing to and organizing news channels

You must subscribe to news channels before you can receive RSS feeds.

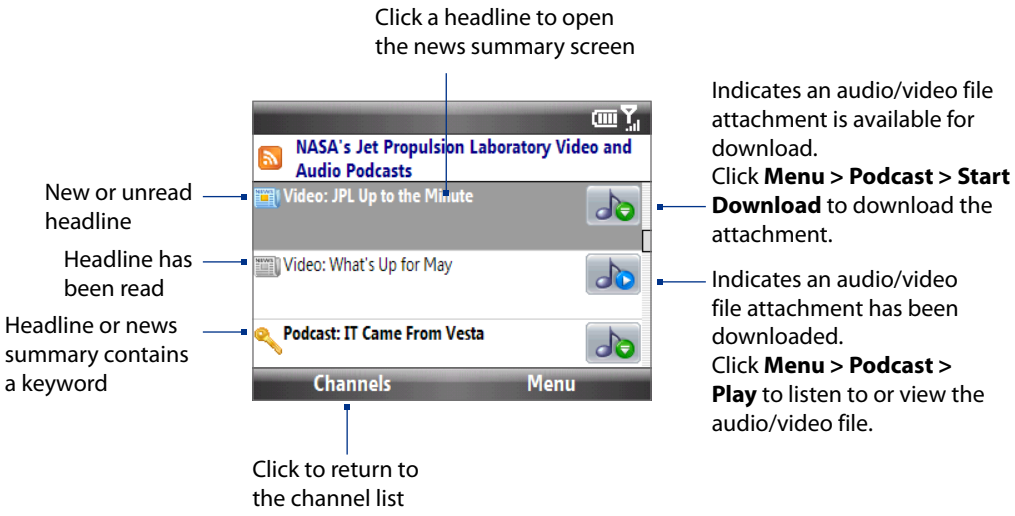
### To subscribe to news channels

1. Click **Start > All Programs > RSS Hub**, then click **OK**.
2. In the New Channel Wizard screen, select **Choose from list**. A list of RSS channels is displayed.
3. Select the check boxes of the RSS channels you want to subscribe to, then click **Done**.

   **Tip** Channels are grouped by categories. If you want to select all channels in a category, select the category check box.
4. The channel list appears. Click **Refresh** to update the channels.

## Viewing and organizing headlines

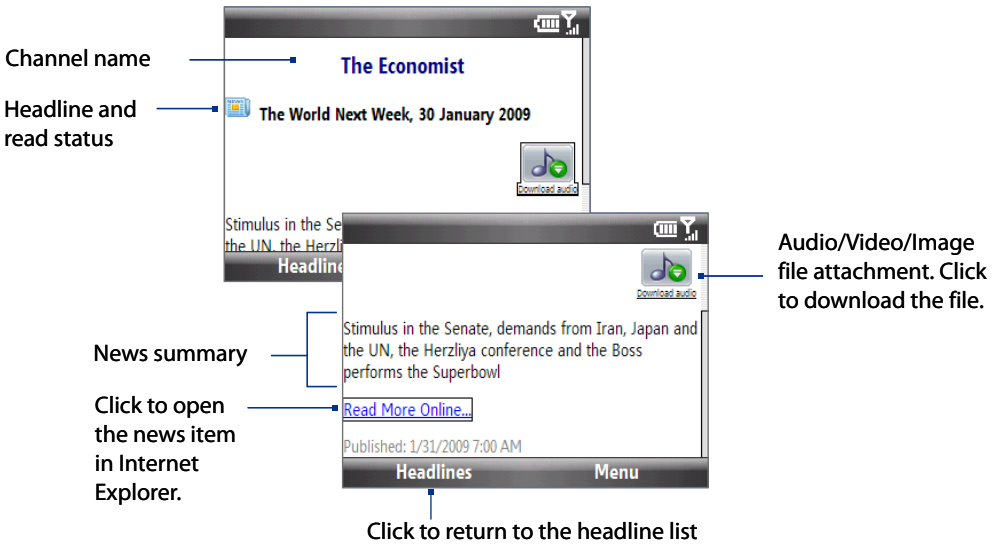
Click a channel in the channel list to display the headlines for that channel.


Click a headline to open the news summary screen
NASA's Jet Propulsion Laboratory Video and Audio Podcasts
Video: JPL Up to the Minute
Video: What's Up for May
Podcast: IT Came From Vesta
Channels
Menu
New or unread headline
Headline has been read
Headline or news summary contains a keyword
Indicates an audio/video file attachment is available for download. Click Menu > Podcast > Start Download to download the attachment.
Indicates an audio/video file attachment has been downloaded. Click Menu > Podcast > Play to listen to or view the audio/video file.
Click to return to the channel list

New or unread headlines display in bold and are marked with a blue newspaper icon. Headlines that have been read are marked with a gray newspaper icon.

## Viewing the news summary

Click a headline in the headline list to display the news summary.


Channel name
Headline and read status
The Economist
The World Next Week, 30 January 2009
Download audio
Audio/Video/Image file attachment. Click to download the file.
News summary
Stimulus in the Senate, demands from Iran, Japan and the UN, the Herzliya conference and the Boss performs the Superbowl
Click to open the news item in Internet Explorer.
Read More Online...
Published: 1/31/2009 7:00 AM
Headlines
Menu
Click to return to the headline list

### To change view options

In the news summary screen, click **Menu** to change the text size or fit the text to the screen (text wrap) for better viewing.

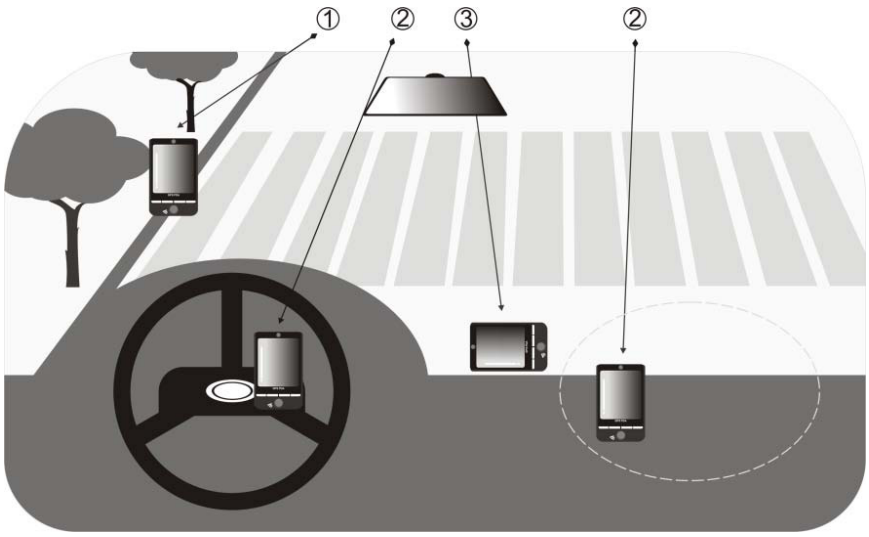
For more information about RSS Hub, please go to http://www.iliumsoft.com/site/nw/newsbreak.php. RSS Hub is a "lite" version and contains most of the features of Newsbreak.

# Chapter 9
## Navigating on the Road

## 9.1 Guidelines and Preparation for Using GPS

If you install a GPS software on your phone, please follow these guidelines before and when using your phone as a GPS device.

- Do not operate the GPS system while driving. The plotted GPS route is only for driving reference. It should not interfere with actual driving behavior.
- Do not leave your phone in a vehicle or expose the phone to direct sunlight to avoid overheating the battery, which could cause damage to the phone or pose a risk to the vehicle.
- When using the phone inside a vehicle, use the car holder to mount the phone securely in place. Avoid placing the phone in the areas shown in the following diagram:




① Do not place where it will block the driver's vision.

② Do not place where air bags could deploy.

③ Do not place anywhere in the vehicle without securing the phone in the holder.

- Use the GPS system cautiously. Users shall be liable for any damages resulting from negligent operation of the system.
- The GPS signal cannot pass through solid non-transparent objects. Signal reception may be affected by obstructions such as high-rise buildings, tunnels, bridges, forests, weather (rainy or cloudy days), etc. If the vehicle's visor contains metal, it will be difficult for the GPS signal to pass through.
- Wireless communication products (such as mobile phones or radar-detecting devices) may interfere with the satellite signal, resulting in unstable signal reception.
- The Global Positioning System (GPS) is built and operated by the US Defense Department. The Department is responsible for the accuracy and maintenance of the system. Any changes that the Department makes may affect the accuracy and function of the GPS system.

# Chapter 10
## Camera and Multimedia

## 10.1 Taking Photos and Videos with the Phone Camera

Taking photos and shooting video clips are easy with your phone's built-in 2.0 megapixel camera.

### To open Camera

Press the Camera Key ; or on the Home screen, click **Start > All Programs > Camera** or **Video Recorder**.

### To choose where to save your photos and videos

If you installed a microSD card, you will be prompted to choose whether to save your pictures and videos on the **Main Memory** or on **Storage Card**. Select the location, press ENTER, and then click **OK**.

### To close the Camera

Press END/POWER.

**Note** Pressing END/POWER simply minimizes the Camera program, but it is still running in the background. To completely close the Camera program, use the Task Manager.

### Taking photos or capturing video clips

Aim the camera at the subject and then press ENTER or the Camera Key to take the shot. When capturing video, press ENTER or the Camera Key to start recording; press again to stop.

### Capture modes

The Camera program lets you capture pictures and video clips by using various built-in modes. The title bar displays the active capture mode.

The available capture modes are as follows:

| Icon | Capture mode | Function |
|---|---|---|
| | **Photo** | Captures standard still images. |
| | **Video** | Captures video clips, with or without audio. |
| | **Contacts Picture** | Captures a still image suitable for assigning as an identification photo to a contact. |
| | **Picture Theme** | Captures still images and places them within frames. |
| | **Panorama** | Captures a sequence of still images continuously in one direction, and stitches the images together to create a panoramic view of a scenery. |

### To change the capture mode

On the Camera screen, scroll right or left with the NAVIGATION CONTROL to change the capture mode.

Using the above capture modes, the camera captures files in the following formats:

| Capture type | Format |
|---|---|
| Still Image | JPEG |
| Video | MPEG-4 (.mp4)<br>H.263 baseline (.3gp) |

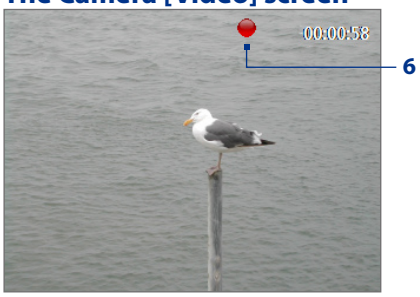
# Camera mode icons and indicators

The camera icons and indicators disappear after a few seconds if there is no user interaction. Press the NAVIGATION CONTROL keys, any key on the keyboard, or the left/right SOFT KEYS to display the icon indicators again.

## The Camera [Photo] screen

1. Indicates the current zoom ratio. Scroll up or down to increase or decrease the zoom level.
2. Indicates the current capture mode.
3. Depending on the capture mode, this shows the remaining available number of pictures that you can take or remaining duration that can be recorded. While recording video, this shows the recorded duration.
4. Click to open the Camera settings menu.
5. Click to open Album.

## The Camera [Video] screen




6 The Recording Status indicator blinks while video recording is in progress.

## The Camera [Picture Theme] screen

7 Displays the current and total number of photos that can be taken using the selected template.

# Using zoom

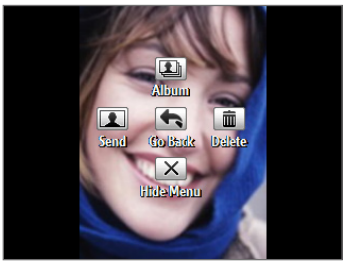
Before capturing a still image or a video clip, you can first zoom in to make the object in focus move closer, and you can zoom out to make the object move farther away. In all capture modes, scroll up with the NAVIGATION CONTROL to zoom in, scroll down to zoom out.

The camera zoom range for a picture or video depends on the capture mode and capture size. Also, please note the capture sizes available for certain capture formats also vary from one capture mode to another.

# The Review screen

After capturing a photo or video, you will be presented with options that you can do with the captured media file.

| Press | To |
|---|---|
| | Go back to the Camera screen. |
| | Delete the captured media. |
| | Send the captured image or video clip to someone via e-mail. |
| | Associate the photo to a selected contact. |
| | View the image in Album or play back the video in Windows Media Player. |
| | Hide the Review screen icons. Press again to show the icons. |




Contacts Picture mode

## Customizing Camera Advanced settings

On the Camera screen, click **Options** on the Camera screen to open the Camera Advanced settings where you can activate the self-timer, change the ambience, customize capture settings, and more.

Use the NAVIGATION CONTROL to go through the available settings.

| Option | Allows you to |
|---|---|
| **Mode** | Select the capture mode to use. |
| **Self-timer** | Select the Self-timer option for capturing images: **Off**, **2 seconds**, or **10 seconds**. Selecting **2 seconds** or **10 seconds** delays the capturing by the specified time after you press ENTER. |
| **Brightness** | Adjust the brightness from **-2** to **+2** (increments of 0.5). |
| **White Balance** | Specify the white balance setting such as **Auto**, **Daylight**, **Night**, **Incandescent**, and **Fluorescent** to suit the lighting environment. |
| **Resolution** | Choose the resolution to use. The resolution options depend upon which camera mode you are using. |
| **Capture Format** (Video mode only) | Select whether to use **MPEG4** or **H.263**. |
| **Template** (Picture Theme mode only) | Choose one of the four templates to use for Picture Theme mode. |
| **Quality** | Select the JPEG image quality level for all captured still images. You can choose from **Basic**, **Normal**, **Fine**, and **Super Fine**. This option is available in all modes except Video. |
| **Time Stamp** (Photo mode only) | Choose whether or not to include the shooting date and time on captured photos. |
| **Storage** | Select where you want to save your files. You can either save the files to the main memory or to a storage card. |
| **Direction** (Panorama mode only) | Choose in what direction images will be stitched in a panorama. |
| **Stitch Count** (Panorama mode only) | Select the desired number of snapshots to be taken and stitched into a panorama. |
| **Keep Backlight** | Choose whether to turn the backlight on or off while using the camera. This overrides your phone backlight settings while you are using the camera. |
| **Shutter Sound** | Choose whether or not you want the camera to make a shutter sound when you press the ENTER button. |
| **Review Duration** | Set a time length for displaying the captured image or video on the Review screen before automatically saving it and returning to the live Camera screen. Select **No Limit** to allow the picture to be displayed until you choose to take another action. Select **No Review** to immediately return to the live Camera screen after capturing. |
| **Effect** | Choose a special effect such as **Grayscale**, **Sepia**, or **Negative** to apply to your photos or video clips.<br>**Note**: White Balance cannot be applied if an Effect has already been applied. |
| **Metering Mode** | Select a metering mode to allow the camera to measure the amount of light in the center and around the image and calculate the best-fit exposure value before capturing. Choose either **Center Area** to measure light using the center area of the image or **Average** to measure light using the area all around the image. |
| **Record with Audio** (Video mode only) | Select **On** to record audio while capturing video clips. This is selected **On** by default. If you select **Off** and then capture a video clip, it will have no audio. |
| **Prefix** | Set a prefix to image or video filenames.<br>When **Default** is selected as the prefix, the filename of each new captured file is set to "IMAGE" or "VIDEO" followed by a sequential number, for example: IMAGE_001.jpg. You may also choose to prefix filenames using either the current **Date** or **Date & Time**.<br>**Note:** If you set the Camera to save captured photos to a storage card, the prefix cannot be selected. Captured photos will be named using the DCIM (Digital Camera Images) naming standard. |
| **Counter** | Select **Reset** to reset the naming counter to 1. |
| **Flicker Adjustment** | When taking indoor shots, flicker on the camera screen may be caused by interference from fluorescent lighting. To reduce flicker, change the flicker adjustment setting to the proper frequency (**50Hz** or **60Hz**) of the country where your phone is being used. |

| Option | Allows you to |
|---|---|
| **Template Folder** (Picture Theme mode only) | By default, templates are stored in the \My Documents\Templates folder on the phone's main memory. If you transferred some templates to a storage card (using File Explorer), set this option to **Main + Card** to specify that templates are located in both the main memory and the storage card. |
| **Show Reminder** (Contacts Picture mode only) | Select **On** to be prompted to set the picture to a contact after taking a contact picture. Select **Off** to disable the prompt. |
| **Recording Limit** (Video mode only) | Specify the maximum time or file size for recording video clips. |
| **About** | Display the Camera's firmware information. |

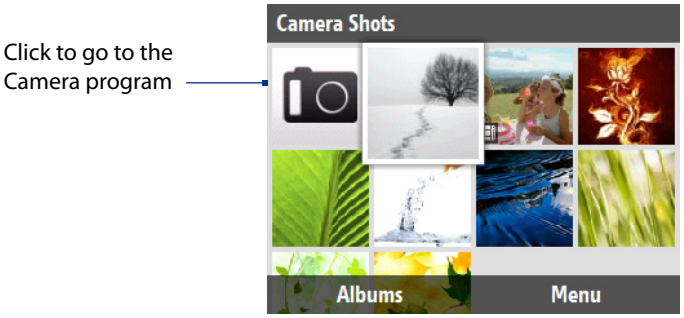
# 10.2 Album

View your images and videos that you captured using the Camera program in Album. Album offers a host of features that let you rotate images, view your images as a slide show, use images as contact pictures, and more.

**Note** Album can only display files using the JPEG, MPEG4 or H.263 file formats.

## To open Album

Click **Start > All Programs > Album**, or click **Album** while in the Camera screen.




## To view an image in full screen

On the main Album screen, use the NAVIGATION CONTROL to select the image you want to view and then press ENTER. While viewing the image, click **Zoom In** to zoom in on the image.

**Note** If you do not see **Zoom In** on the screen, press ENTER to show the menu bar at the bottom of the screen.

While zoomed in, use the NAVIGATION CONTROL to pan the image. Click **Zoom Out** to zoom out of the image.

## To go to the next image

Use the NAVIGATION CONTROL to go to the next or previous image.

**Note** If you are zoomed in on an image, you need to zoom out first before you can go to the next or previous image.

## To view the images as a slide show

On the Album screen, select the image where you want to start the slideshow from and then click **Menu > Slideshow**. The slideshow automatically starts playing back from the selected image.

**Tips**
- Press ENTER to pause the slideshow playback. Press ENTER again to resume playback.
- On the main Album screen, click **Menu > Options** to set slide show options such as transition to use and duration of each image.

## To play back video files

On the main Album screen, click the thumbnail of the video file you want to play back. Windows Media Player then plays back the file.

# 10.3 Pictures & Videos

**Pictures & Videos** allows you to view and manage media files on your phone.

### To copy a picture or video clip to your phone

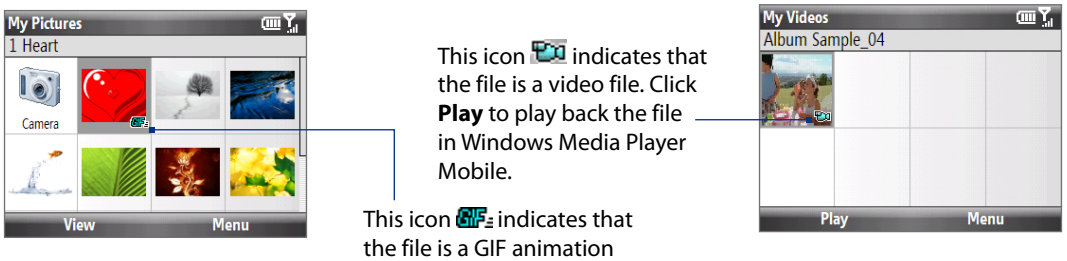
You can copy pictures and video files from your PC to the My Pictures folder on your phone, and then view them on your phone. For more information about copying files from your PC to your phone, see Windows Mobile Device Center or ActiveSync Help on your PC.

**Note** You can also copy pictures and video files from your PC to your phone using a storage card. Install the storage card to your phone, and then copy them from your PC to the folder you created on the storage card.

### To view media files

1. On the Home screen, click **Start > All Programs > Pictures & Videos**.
2. Select a media file and click **View** or **Play** (if video file) to view or play back the file.

**Note** If you cannot find the media file in the default My Pictures folder, click **Menu > Folders > My Device** to go to other folders.


My Pictures
1 Heart
Camera
View
Menu
This icon indicates that the file is a video file. Click **Play** to play back the file in Windows Media Player Mobile.
This icon indicates that the file is a GIF animation file. Click **View** to play back the file.
My Videos
Album Sample_04
Play
Menu

## Pictures & Videos menu

Select a media file onscreen and click **Menu** to open a list of options that you can do with the selected media file.

You can choose to send the selected media file via one of your messaging accounts, beam it to another device, play the pictures as a slide show, send the picture to your Windows Live MySpace account, and more.

Click **Options** to customize picture settings and slide show playback preferences.

**Note** The available menu options depend on the selected media file.

**Tip** When viewing a picture, click **Menu > Use as Home Screen** to set the picture as your Home Screen background. You can also do minor touch ups to the picture such as rotate and crop by clicking **Menu > Edit**.

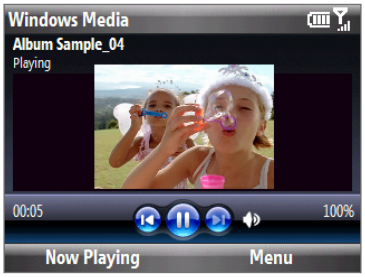
# 10.4 Windows Media Player Mobile

You can use Microsoft® **Windows Media® Player Mobile** for Smartphone to play digital audio and video files that are stored on your phone or on a network, such as on a Web site.

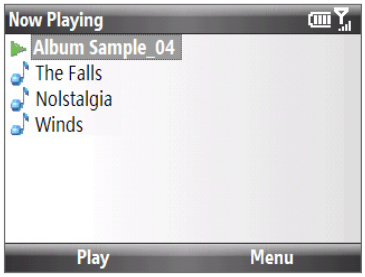
To open Windows Media Player Mobile, click **Start > All Programs > Windows Media**.

## About the screens and menus

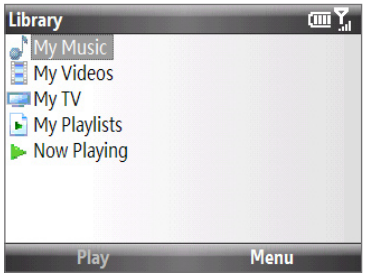
Windows Media Player Mobile has three primary screens:




**Playback screen**
The default screen that displays the playback controls and the video window.




**Now Playing screen**
This special playlist indicates the current file being played and files that are queued up to play next.




**Library screen**
The screen that lets you quickly find your audio files, video files, and playlists.

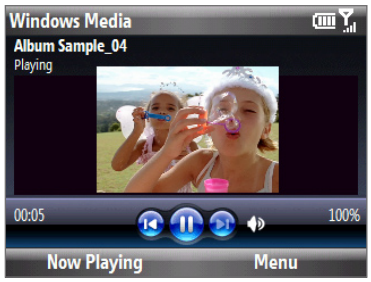
Click **Menu** to open a list of options that you can do in a particular screen The commands on this menu vary, depending upon which screen you are viewing.

## Playing media

### To play media on your phone

Use the library to find and play songs, videos, and playlists that are stored on your phone or storage card.

1. If you are not on the Library screen, click **Menu > Library**.
2. If necessary, on the Library screen, click **Menu > Library**, and then select the library that you want to use.
3. Windows Media Player Mobile automatically updates the library. However, you can manually update the library to ensure that it contains new files that you recently copied to your phone or storage card. Click **Menu > Update Library** to manually update the library list.
4. Select a category (for example, **My Music** or **My Playlists**), select the item that you want to play (such as a song, album, or artist name), and then click **Play**. The Playback screen opens.




**Note** To play a file that is stored on your phone but is not in a library, on the Library screen, click **Menu > Open File**. Select the item that you want to play (such as a file or a folder), and click **Play**.

### Playback controls

By default, these hardware buttons are assigned to Windows Media Player Mobile functions.

| To | Press |
|---|---|
| Play or pause | ENTER |
| Skip to a previous file | NAVIGATION CONTROL left |
| Skip to the next file | NAVIGATION CONTROL right |
| Increase the volume | NAVIGATION CONTROL up |
| Decrease the volume | NAVIGATION CONTROL down |
| Turn the sound on or off quickly (mute) | # |
| Switch to full screen during video playback | 0 |
| Change rating | * |

**Tip** To change the assigned hardware buttons, on the Playback screen, click **Menu > Options > Buttons**.

# Copying files to your phone

Use the **Sync** feature in Windows Media Player on your PC to synchronize (copy) digital media files from your PC to your phone. Using **Sync** ensures that protected files and album art (for skins) are copied to your phone correctly.

## To synchronize content to your phone automatically

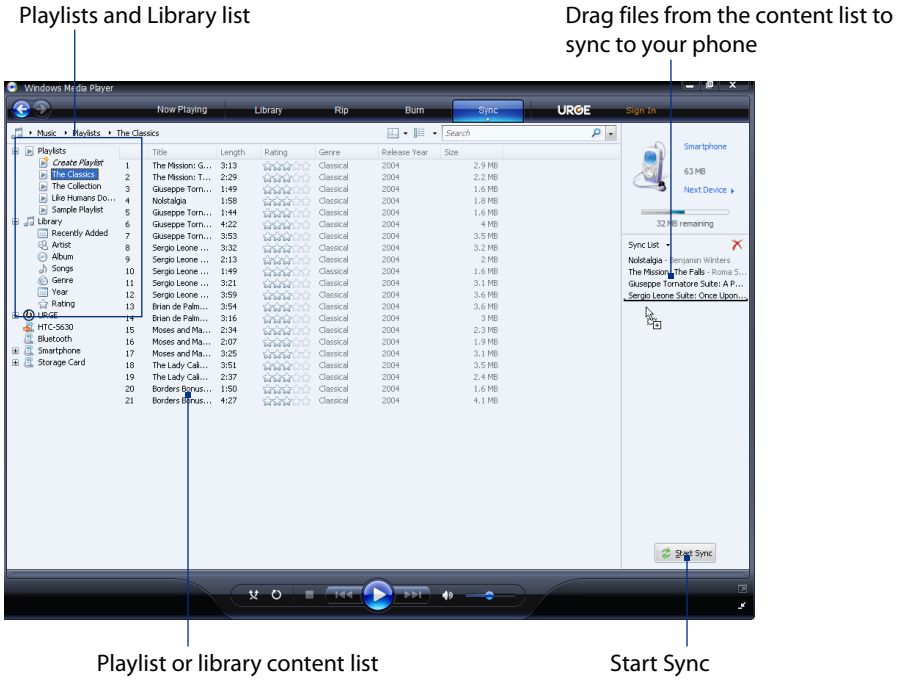
1. On your PC, start Windows Media Player and then connect your phone to your PC.
2. In the Device Setup Wizard, type a name for the phone and click **Finish**.
3. On the leftmost pane, right-click your phone and select **Set Up Sync**.
4. On the Device Setup dialog box, select the **Sync this device automatically** and then select the playlist(s) that you want to sync between the PC and your phone.
5. Click **Finish**.

**Note** You can also sync your storage card if you have one installed on your phone. To sync, right-click **Storage Card**.

The files begin synchronizing to your phone. The next time you connect your phone to your PC while Windows Media Player is running, synchronization will start automatically.

## To synchronize and copy content manually to your phone

1. If you have not set up synchronization between your phone and PC, follow steps 1 to 3 in "To synchronize content to your phone automatically."
2. Click the **Sync** tab on the Windows Media Player. Select a Playlist or a Library on the left panel of the Windows Media Player.
3. From the content list, drag files you want to sync to your phone to the right panel of the Windows Media Player.
4. Click **Start Sync** to start copying files to your phone.




**Notes**

- Always use Windows Media Player 11 on your PC to synchronize (copy) files to your phone.
- Audio files copy faster if Windows Media Player is configured to automatically set the quality level for audio files copied to your phone. For more information, see the Windows Media Player Help.

# Troubleshooting

For more information, visit: http://www.microsoft.com/windowsmobile/en-us/help/more/windows-media-player.mspx.

# 10.5 Streaming Media

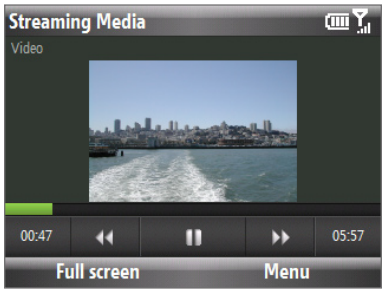
**Streaming Media** lets you stream live broadcasts or on-demand media content from the web. The media is sent in a continuous stream to your phone and is played as it arrives, along with the audio.

The Streaming Media program allows you to play **3GP** and **MPEG-4** files. It also supports playback of **SDP** (Session Description Protocol) files.

## To access streaming content via Internet Explorer

In Internet Explorer, you can open a Web page containing http links to streaming media content and play the content in the Streaming Media program.

1. On the Home screen, click **Start > All Programs > Internet Explorer.**
2. Click **Menu > Go to Web Address**. In the address bar, enter the URL address of the Web page that contains the http link to the desired ***.3gp**, ***.mp4**, or ***.sdp** file.
3. On the Web page, select the RTSP link and press ENTER.
4. Streaming Media opens and starts playing the file. During playback, use the control buttons to play/pause the video or view in full screen mode. Use the volume keys on the side of the phone to adjust the audio volume.




| Press | To |
|---|---|
| ENTER | Play or pause playback. |
| Scroll left | Rewind |
| Scroll right | Fast forward |
| Left SOFT KEY | Play the video in full screen. While watching in full screen, press the BACK key ( ⮌ ) to return to normal viewing mode. |

## To view streaming video file information

You can view the properties and general information of a streaming video clip, such as file format, audio codec, dimension, frames, and duration of the video.

Click **Menu > Properties** from the program.

## To configure streaming video connection settings

Click **Menu > Options** to configure the following settings:

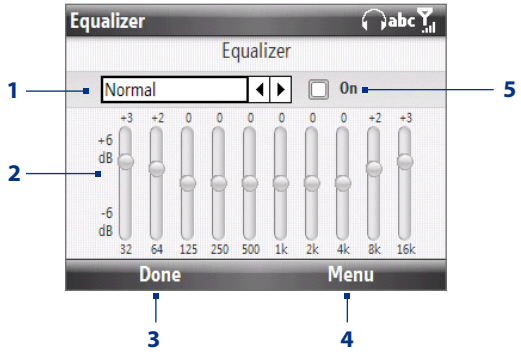
- **Playback**. Specify the media buffer (in terms of duration) to allot for storing video and audio data while streaming media.
- **Networks**. Choose whether you want to connect to the Internet or corporate network (intranet) to locate a streaming video clip. Specify also a range of port numbers to use for streaming.
- **Video**. Start with full screen, or with video adjusted to best fit.

# 10.6 Using Audio Booster

**Audio Booster** optimizes sound by providing an audio equalizer for a better listening experience. To use Audio Booster, connect the supplied wired headset to your phone.

### To open Audio Booster

Click **Start** > **All Programs** > **Audio Booster**.




| | |
|---|---|
| 1 | Choose the equalizer preset to use. |
| 2 | Select then use the Navigation Control to adjust the frequency. |
| 3 | Click to apply the modified settings. |
| 4 | Click **Menu** > **Cancel** to exit Audio Booster without applying the modified settings. Click **Menu** > **Save as Preset** or **Delete Preset** to save or delete preset equalizer settings. |
| 5 | Enable or disable the equalizer. |

### To use an Equalizer preset

Select the list box and then select a desired preset.

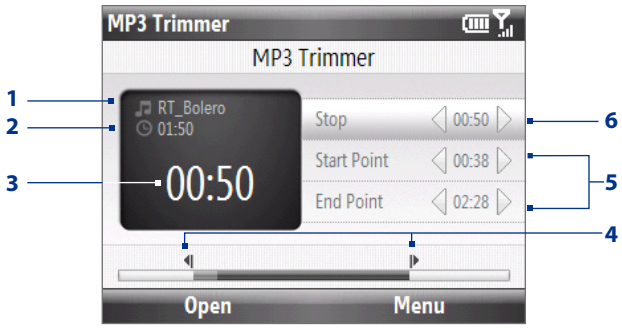
### To create a custom equalizer preset

1. Select the frequency band area and press ENTER. Use the NAVIGATION CONTROL left/right to select individual frequency bands and then adjust to your desired values by using the NAVIGATION CONTROL up/down. The selected values are indicated on top of the sliders. Press ENTER to exit adjustment mode.
2. When finished, click **Menu** > **Save as Preset**.
3. Enter a preset name and then click **Done**. The equalizer preset is added to the preset list box.

**Note** To delete a custom equalizer preset, select it on the preset list box and then click **Menu** > **Delete Preset**. You cannot delete pre-installed equalizer presets.

# 10.7 Using MP3 Trimmer

Use MP3 Trimmer to trim MP3 files. You can choose to save a trimmed file as a new file or set it as a ring tone.




| This control | | Does this |
|---|---|---|
| 1 | **Title** | Shows the title of the MP3 file. |
| 2 | **Duration** | Shows the duration of the trimmed portion. |
| 3 | **Time** | Shows the elapsed playback time. |
| 4 | **Start Point/End Point points** | Shows the current start and end points of the song. The song will be trimmed based on these points. |

| This control | | Does this |
|---|---|---|
| 5 | **Start Point/ End Point** | For more precise trimming, you can also select the Start Point and End Point controls and use the navigation key left and right to step backward and forward in one-second increments. |
| 6 | **Play/Stop** | Select **Play** to start playback, or select Stop to end the playback. |

## To trim the MP3 file

1. Click **Start > All Programs > MP3 Trimmer**.
2. Click **Open** to find an MP3 file.
3. On the MP3 Trimmer screen, use the NAVIGATION CONTROL to adjust the Start and End points.
4. Select **Play** to play back the trimmed song.
5. Click **Menu** and select to whether set the file as the default ring tone, save the file to the ring tone folder, or save it using another file name.

**Tip** If you only want to save the song to the ring tone folder for future use, select **Save to ring tone folder**. Later on, you can click **Start > All Programs > Settings > Sounds** to set it as your ring tone.

# Chapter 11
## Using Other Applications

## 11.1 Microsoft® Office Mobile

**Microsoft® Office Mobile** consists of three applications that let you view and edit Microsoft documents. These three applications are:

- **Microsoft® Office Word Mobile:** view and edit Microsoft Word documents and text files.
- **Microsoft® Office Excel® Mobile:** view and edit Microsoft Excel worksheets.
- **Microsoft® Office PowerPoint® Mobile:** view Microsoft PowerPoint slides.
- **Microsoft® Office OneNote® Mobile:** lets you easily create notes with audio and images.

To learn how to copy files, see "Copying and Managing Files" in Chapter 4.

### To use Microsoft Office Mobile

1. Click **Start > All Programs > Office Mobile**.
2. Click the Office Mobile application that you want to use.

**Note** Word Mobile and Excel Mobile do not fully support some features of Microsoft® Office Word and Microsoft® Office Excel®.

**Tips**

- By default, Word Mobile saves documents in **.docx** format, while Excel Mobile saves workbooks in **.xlsx** format. If you want to open these types of files on a computer that uses Microsoft Office 2000, Office XP, or Office 2003, you need to download and install the **File Format Converter** in your computer. You can find this converter at http://www.microsoft.com/downloads/details.aspx?FamilyId=941B3470-3AE9-4AEE-8F43-C6BB74CD1466&displaylang=en.
- If you want Word Mobile to save documents in **.doc** format, click **Menu > Tools > Options** (or **Menu > Options** when no document is opened), then change the **Default template** to **Word 97-2003 Document (.doc)**.
- If you want Excel Mobile to save workbooks in a format that is compatible with Microsoft Office 2000, Office XP, or Office 2003, click **Menu > Options** (with no workbook opened), then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

## 11.2 Adobe® Reader® LE

**Adobe® Reader® LE** lets you view Portable Document Format (PDF) files.

When you open a password-protected PDF file, you will be prompted to enter the password before the file can be opened.

### To open a PDF file on your phone

1. Click **Start > All Programs > Adobe Reader LE**.
2. Click **Open**.
3. Browse to a folder and click the PDF file you want to open.

**Note** To open another PDF file, click **Menu > Open > Browse**. You can also open a PDF file from File Explorer by clicking it.

### To navigate through a PDF file

You can do any of the following:

- Press NAVIGATION CONTROL up and down to scroll through the pages.
- Click **Tools > Go To** and select an option to go to a specific page in the PDF file.
- Click **Tools > Zoom** to zoom in and out on the document.

# 11.3 Voice Command

Voice Command lets you call your contacts, open applications, play back music, and get calendar information just by using your voice. Voice Command only responds to a set of predefined commands. You cannot create your custom commands in Voice Command.

To learn more about commands you can use, select **Start > All Programs > Voice Command > Menu > Help**.

The default button to activate Voice Command is to press and hold the TALK/SEND button. When Voice Command is activated, the icon appears at the top-right corner of the screen.

### To call a contact

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say "Call [Contact Name]."
4. Voice Command will confirm with you the contact you want to call. After the Voice Command confirmation, say "Yes" or "Correct."

   **Note** If Voice Command is wrong about the contact to call, say "No" or "Incorrect" to try again.
5. The phone calls the contact.

### To show the contact card of a contact

This will only show contacts that are saved on the phone.

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say "Show [Contact Name]" or "Lookup [Contact Name]."

### To request information from your calendar

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say the information you want to retrieve. For example, "What's my next appointment?" or "What's my next meeting?"

### To open a program

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say "Open [Program Name]."

   **Tip** You can also say "Show [Program Name]" or "Start [Program Name]" to open programs. Use the phrase that you are most comfortable with.

### To ask for the time and date

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say the information you want to retrieve. For example, say "What time is it?" or "What date is it?"

Consult the Voice Command help file to learn the other commands that you can use to retrieve other phone status information.

### To get help in using Voice Command

1. Hold the phone a few inches away from your mouth.
2. Press and hold TALK/SEND to activate Voice Command.
3. In a clear voice, say "Help."

For more information about Voice Command, visit http://www.microsoft.com/windowsmobile/voicecommand/default.mspx

# Appendix

## A.1 Specifications

| System information | |
|---|---|
| **Processor** | Qualcomm® MSM7625™, 528MHz |
| **Operating system** | Windows Mobile® 6.1 Standard |
| **Memory** | • ROM: 256 MB<br>• RAM: 192 MB SDRAM |
| **Dimensions (LxWxT)** | 114 X 63 X 13.75 mm (4.50 X 2.48 X 0.54 inches) |
| **Weight** | 120 grams (4.23 ounces) with battery |
| **Display** | 2.4 inch TFT-LCD with QVGA resolution |
| **Network** | **CDMA network:**<br>• Dual-band 800/1900 MHz<br>• CDMA2000 1xRTT/1xEVDO/1xEVDO rev. A and IS-95A/B voice or data with up to 1.8 Mbps up-link and 3.1 Mbps down-link speeds<br>(Band frequency and data speed are operator dependent.) |
| **Device Control** | 4-way NAVIGATION CONTROL with Enter button |
| **Keyboard** | 4-row QWERTY keyboard |
| **GPS** | Internal GPS antenna |
| **Connectivity** | Bluetooth® 2.0 with Enhanced Data Rate and A2DP for stereo wireless headsets<br>HTC ExtUSB™ (11-pin mini-USB 2.0 and audio jack in one) |
| **Camera** | 2.0 megapixel color camera with fixed focus |
| **Audio Supported Formats** | AAC, AAC+, eAAC+, AMR, QCP, MP3, WMA, WAV, MIDI |
| **Video Supported Formats** | WMV, MP4, 3GP, 3G2, M4V, AVI |
| **Battery** | Rechargeable Lithium-ion battery<br>Capacity: 1500 mAh<br>**Talk time:** Up to 290 minutes<br>**Standby time:** Up to 400 hours<br>(The above are subject to network and phone usage.) |
| **Expansion Slot** | microSD™ memory card (SD 2.0 compatible) |
| **AC Adapter** | Voltage range/frequency: 100 ~ 240V AC, 50/60 Hz<br>DC output: 5V and 1A |
| **Special Feature** | Inner Circle |

**Note:** Specifications are subject to change without prior notice

# A.2 Regulatory Notices

## Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of **CEDA200**.

To ensure continued reliable and safe operation of your phone, use only the accessories listed below with your **CEDA200**.

The Battery Pack has been assigned a model number of **RHOD160**.

Operating temperature range: 32°F to 122°F (0°C to 50°C)

**Note** This product is intended for use with a certified Class 2 power supply unit, rated 5 Volts DC, maximum 1 Amp.

## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### IMPORTANT NOTE:

**Radiation Exposure Statement:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this guide.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except the transmitters built-in with this device.

## FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

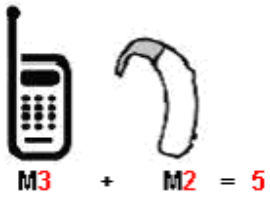
M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not rated. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing aid's telecoil than phones that are not rated. T4 is the better/higher of the two ratings.

**CEDA200** complies with the FCC's requirements for hearing aid compatibility when using the CDMA air interface. The M rating in this mode is M3 and the T rating in this mode is T3.

Please power off the Bluetooth function while using hearing aid devices with your **CEDA200**.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for better use. A sum of 8 is considered for best use.




In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

This methodology applies equally for T ratings. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control:

http://www.fcc.gov/cgb/dro/hearing.html

Gallaudet University, RERC:

https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm

## SAR Information

1.32 W/kg @ 1g ( HEAD )

0.393 W/kg @ 1g ( BODY )

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the HTC Corporation accessories supplied or designated for this product. Use of other accessories may not ensure compliance with the FCC RF exposure guidelines.

Your wireless mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992.
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996.
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg*.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm after searching on FCC ID: NM8CEDA200. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website as http://www.phonefacts.net.

* In the U.S. and Canada, the SAR limit for mobile phone used by the public is 1.6 Watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.

Normal condition only to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

## Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

## Telecommunications & Internet Association (TIA) safety information

### Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

### Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

### Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city centre, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

## RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

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